Canadian Intellectual Property Office
An Agency of Industry Canada

Office de la propriété intellectuelle du Canada
Un organisme d'Industrie Canada

ISSN-1712-4034

The Patent Office Record

La Gazette du Bureau des brevets

Vol. 145 No. 33 August 15, 2017 Vol. 145 No. 33 le 15 août 2017

Canada

CIPO OPIC

THE CANADIAN PATENT OFFICE RECORD
LA GAZETTE DU BUREAU DES BREVETS

Johanne Bélisle
Commissioner of Patents

Johanne Bélisle
Commissaire aux brevets

The Canadian Patent Office Record is published on Tuesday of each week under the authority of the Commissioner of Patents, Ottawa-Gatineau, Canada, to whom all communications should be addressed.

The Canadian Intellectual Property Office does not guarantee the accuracy of this publication, nor undertake any responsibility for errors or omissions or their consequences.

La Gazette du Bureau des brevets paraît le mardi de chaque semaine sous l'autorité du Commissaire aux brevets, Ottawa-Gatineau, Canada, à qui doit être adressée toute correspondance.

L'Office de la propriété intellectuelle de Canada ne garantit pas l'exactitude de la présente publication et ne se rend responsable d'aucune erreur ou omission ou de leurs conséquences.

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Notices

1. Dates and Code Numerals Appearing in Patent Headings

Dates
All dates appearing in the patent headings of this publication follow the form recommended by the International Standards Organization. The four digits on the left represent the years followed by two digits each for the months and the days. For example, January 02, 1999 will be shown as 1999-01-02.

Code Numerals
The numerals within the brackets in the patent headings are INID codes. "INID" is an acronym for "Internationally agreed Numbers for the Identification of Data". These codes are utilized to identify patent bibliography as recommended by the Permanent Committee on Industrial Property Information (PCIPI) under the administration of the World Intellectual Property Organization (WIPO) based in Geneva, Switzerland.

The INID Codes and their corresponding definitions of bibliographic data elements are as follows:

[11] - Number of Patent document
[13] - Kind-of-document code
[21] - Number assigned to the Application
[22] - Date of Filing Application or
[22] - Date of filing of related divisional application
[25] - Language in which the published application was originally filed
[30] - Data relating to priority under the Paris Convention

[41] - Open to Public Inspection Date
[45] - Date of Issue
[48] - Correction Date (Re-Issued, Re-Examined)
[51] - International Classification
[52] - Domestic Classification
[54] - Title of Invention
[60] - Related by Supplementary Disclosure
[62] - Related by Division
[64] - Related by Reissue
[71] - Name(s) of Applicant(s)
[72] - Name(s) of Inventor(s)
[73] - Name(s) of Grantee(s)
[85] - National Entry Date
[86] - PCT International Filing Data
[87] - PCT International Publication data

Avis

1. Dates et chiffres de code figurant à l'entête des brevets

Dates
Toutes dates figurant aux entêtes des brevets de cette publication suivent la forme recommandée par l'Organisation des normes internationales. Les quatre chiffres de gauche représentent les années et sont suivis, vers la droite, de deux autres chiffres chacun, pour les mois et les jours. Le 2 janvier 1999, par exemple, sera représenté par 1999-01-02.

Chiffres de code
Les chiffres à l'intérieur des parenthèses aux entêtes des brevets sont des codes INID. Le sigle « INID » signifie « Identification numérique internationale des données bibliographiques » Ces codes sont utilisés pour l'indentification de la bibliographie de brevets, tel que recommandé par le Comité permanent chargé de l'information en matière de propriété industrielle (PCIPI), sous l'administration de l'Organisation mondiale de la propriété intellectuelle (OMPI), sise à Genève, Suisse.

Les codes INID accompagnés des définitions des données bibliographiques correspondantes sont comme suit :

[11] - Numéro du brevet
[13] - Désignation du type de document
[21] - Numéro attribué à la demande
[22] - Date du dépôt de la demande ou
[22] - Date du dépôt de la demande divisionnaire apparentée
[25] - Langue dans laquelle la demande publiée a été initialement déposée
[30] - Données relatives à la priorité selon la Convention de Paris
[41] - Date de mise à la disponibilité du public
[45] - Date de délivrance
[48] - Date de correction (Redélivrance, Réexamen)
[51] - Classification internationale
[52] - Classification nationale
[54] - Titre de l'invention
[60] - Apparenté par divulgation supplémentaire
[62] - Apparenté par division
[64] - Apparenté par redélivrance
[71] - Nom(s) du (des) demandeur(s)
[72] - Nom(s) de(s) l'inventeur(s)
[73] - Nom(s) du (des) titulaire(s)
[85] - Date d'entrée en phase nationale
[86] - Données du dépôt international selon le PCT
[87] - Données de publication internationale selon le PCT

2. Country Code

The Country Codes appearing in this publication conform to those contained in annex A of the *Handbook on Industrial Property Information and Documentation* published by the World Intellectual Property Organization (WIPO). This document is accessible from a link entitled Standards ST-3 on the List of WIPO Standards, Recommendations and Guidelines (Abbreviated Titles) located on the WIPO Web site: (www.wipo.int/scit/en/standards/standards.htm).

2. Code des pays

Les Codes des pays qui se trouvent dans cette publication sont conformes à ceux dans l'annexe A du *Manuel sur l'information et la documentation en matière de propriété industrielle* publié par l'Organisation Mondiale de la Propriété Intellectuelle (OMPI). Ce document est accessible à partir de l'hyperlien intitulé Normes ST-3 dans la Liste des normes, recommandations et principes directeurs de l'OMPI (Titres abrégés) qui se trouve au site Web de l'OMPI: (www.wipo.int/scit/fr/standards/standards.htm).

3. How to Purchase Paper Copies of Canadian Patents and Canadian Applications Open to Public Inspection

Paper copies of all other Canadian Patents and Canadian applications open to public inspection may be purchased at the cost of $1 per page by visiting (www.strategis.ic.gc.ca/patentsorder) or by writing to the Commissioner of Patents, Ottawa-Gatineau, K1A 0C9.

Item 25.1* On requesting copy in electronic form of a document:	N/A
a) for each request	$10
b) plus, for each patent or application to which the request relates	$10
c) plus, if the copy is requested on a physical medium, for each physical medium requested in addition to the first	$10
d) plus, for each additional 10 megabytes or part of them exceeding 7 megabytes	$10

3. Comment acheter des copies sur papier de brevets canadiens et de demandes canadiennes mises à la disponibilité du public

Les copies sur papier de tous les autres brevets canadiens et des demandes canadiennes mises à la disponibilité du public peuvent être achetées au coût de 1 $ par page en visitant notre site Web (www.strategis.ic.gc.ca/brevetscommande) ou en écrivant au Commissaire aux brevets, Ottawa-Gatineau, K1A 0C9.

Article 25.1* Demande d'une copie d'un document sous forme électronique :	S.O.
a) pour chaque demande	10 $
b) pour chaque demande de brevet ou brevet visé par la demande	10 $
c) dans le cas où le document doit être copié sur plus d'un support matériel, pour chaque support matériel additionnel	10 $
d) pour chaque tranche de 10 méga-octets qui excède 7 méga-octets, l'excédant étant arrondi au multiple supérieur	10 $

4. Orders for Patents by Class or Sub-Class

A listing of all patents that have issued in each class or sub-class including both patents in force and expired patents, may be ordered at a price of $1 per page from the Patent Office.

4. Commande de brevets par classe ou sous-classe

Les listes de brevets délivrés dans chaque classe ou sous-classe, incluant les brevets en vigueur et ceux ayant expiré, peuvent être commandées auprès du Bureau des brevets au prix de 1 $ la page.

5. Advice on Making a Patent Application

Any person intending to file a patent application may obtain an information kit upon request from the Commissioner of Patents, Ottawa-Gatineau, Canada K1A 0C9. It is recommended that applicants make use of the services of a registered Patent Agent. A list of Patent Agents in any area of Canada will also be supplied upon request.

5. Conseils relatifs à la préparation de demandes de brevets

Toute personne qui a l'intention de déposer une demande de brevet peut obtenir une trousse d'information sur demande faite au Commissaire aux brevets, Ottawa-Gatineau, Canada K1A 0C9. On recommande aux demandeurs d'avoir recours aux services d'un agent de brevets inscrit au registre. Une liste des agents de brevets dans n'importe quelle région du Canada sera également fournie sur demande.

6. Licensing of Patents

Voluntary Licences
Persons desiring to use, make or sell an invention patented in Canada should negotiate terms with the patent owner. The address of the patentee may be obtained by writing to the Commissioner of Patents, Ottawa-Gatineau, Canada, K1A 0C9. If a voluntary licence cannot be arranged, a compulsory licence may be possible.

Compulsory Licences
Three years after a patent has been granted, one may request a compulsory licence to use the patent if there has been an abuse of the exclusive right. See Sections 65 to 71 of the *Patent Act*. Applications for a compulsory licence are made to the Commissioner of Patents.

6. Octroi de licences en vertu des brevets

Licences librement accordées
Les personnes désirant utiliser, fabriquer ou vendre une invention brevetée au Canada doivent en négocier les conditions avec le titulaire du brevet. L'adresse du titulaire peut être obtenue en écrivant au Commissaire aux brevets, Ottawa-Gatineau, Canada, K1A 0C9. S'il est impossible d'obtenir une licence résultant d'un libre accord, il est peut être possible d'obtenir une licence obligatoire.

Licences obligatoires
Il est possible de faire la demande d'une licence obligatoire trois ans après l'octroi d'un brevet si les droits exclusifs qui en dérivent ont donné lieu à un abus. Voir les articles 65 à 71 de la *Loi sur les brevets*. Les demandes de licence obligatoire doivent être présentées au Commissaire aux brevets.

7. Patents Available for Licence or Sale

An asterisk (*) placed beside any patent listed in this issue of the *Canadian Patent Office Record* indicates that as of the date of grant the said patent is available for licence or sale. These and other patents now made available for licensing are included in the listing in part 8 of these notices.

7. Brevets disponibles pour licence ou vente

Un astérisque (*) marqué à côté de tout brevet inscrit dans le présent numéro de la *Gazette du bureau des brevets*, signale qu'à compter de la date de la présente publication, ledit brevet est disponible pour octroi de licence ou vente. Une liste de ces brevets et d'autres mis en disponibilité pour octroi de licence, est publiée au no. 8 des présents avis.

8. List of Patents Available for Licence or Sale

The following Canadian patents have been made available this week for sale or licensing:

2,705,036 (Published July 4, 2017)
2,715,744 (Published July 11, 2017)

8. Liste des brevets disponibles pour octroi de licence ou vente

Les brevets canadiens suivants ont été mis en disponibilité cette semaine pour vente ou octroi de licence :

2,705,036 (Publié le 4 juillet 2017)
2,715,744 (Publié le 11 juillet 2017)

9. Applications Open to Public Inspection

All patent applications filed since October 1, 1989 and documents filed in connection therewith are open to public inspection at the Patent Office after the expiration of a confidentiality period of eighteen months beginning on the filing date of the application, or where a request for priority has been made in respect to the application, beginning on the priority date claimed. An application may become open to public inspection sooner at the request or with the approval of the applicant (Section 10(2) of the *Patent Act*). However, an application shall not be open for public inspection if it is withdrawn within the time set out in Section 92 of the *Patent Rules*. This time limit is two months before the expiry of the confidentiality period or where the Commissioner is able to stop technical preparations to open the application to the public at a subsequent date.

9. Demandes mises à la disponibilité du public

Toutes les demandes de brevet et documents relatifs à ceux-ci, déposés au Bureau des brevets depuis le 1er octobre 1989, peuvent y être consultées après l'expiration de la période de confidentialité de dix-huit mois à compter de la date de dépôt de la demande de brevet ou, si une demande de priorité a été présentée à l'égard de celle-ci, de la date de dépôt sur laquelle la demande de priorité est fondée. Une demande de brevet peut être consultée avant l'expiration de la période, à la requête ou sur autorisation du demandeur (article 10(2) de la *Loi sur les brevets*). Toutefois, une demande de brevet ne pourra être consultée si celle-ci est retirée à l'intérieur du délai prévu à l'article 92 des *Règles sur les brevets*. Le délai prévu est de deux mois précédant la date d'expiration de la période de confidentialité ou, lorsque le commissaire est en mesure, à une date ultérieure, d'arrêter les préparatifs techniques en vue de la consultation de cette demande.

10. Language of Published Documents

When ordering a published patent, please note that the language of the document can be identified by the language code (INID [25]) EN (English) or FR (French).

10. Langue du document publié

Toute personne intéressée à obtenir une copie d'un brevet publié doit prendre note que les codes suivants EN (Anglais) ou FR (Français) représentent (INID [25]) la langue de la copie du brevet publié.

11. Patent Cooperation Treaty (PCT) Schedule of Fees Applicable for Applications Filed on or After January 1, 2017

1. **Transmittal Fee** (Rule 14)	**$300**
2. **International Filing Fee**	**$1792***
For each additional sheet over 30	**$20**
3. **International Search Fee**	**$1600**

The above mentioned fees are due at time of filing of the international application, or within one month from the international filing date (date of receipt of the international application by the receiving office). These fees are to be paid in Canadian dollars and cheques should be made payable to the Receiver General for Canada.

If the fees are not paid within one month from the international filing date, the receiving office shall invite the applicant to pay the amount required, together with a late payment fee under

11. Traité de coopération en matière de brevets (PCT) barème de taxes à partir du 1 janvier 2017

1. **Taxe de transmission** (Règle 14)	**300 $**
2. **Taxe de dépôt internationale**	**1792 $***
Pour chaque feuille au delà de 30	**20 $**
3. **Taxe de recherche internationale**	**1600 $**

Les taxes mentionnées ci-haut sont payables au moment du dépôt de la demande internationale, ou dans un délai d'un mois à compter de la date de dépôt international, (soit la date de réception de la demande internationale par l'office récepteur). Les taxes doivent être payées en dollars canadiens et les chèques sont payables au receveur général du Canada.

Si les taxes n'ont pas été payées dans un délai d'un mois à compter de la date de dépôt international, l'office récepteur invitera le demandeur à payer le montant dû, accompagné de la

Rule 16bis.2, within one month from the date of the invitation. Failure to pay the fees will result in the withdrawal of the application by the receiving office.

4. Late payment fee
50% of the fees that are due, or,
Minimum: Transmittal fee
Maximum: 50% of the international filing fee

Preliminary Examination

5. Handling fee (Rule 57.2(*a*)) **$269**

6. Preliminary examination fee (Rule 58) **$800**

* International fees will be reduced by:

- **$269** for all applications filed electronically using PCT-SAFE or ePCT (The request in character coded format).
- **$404** for all applications filed electronically using PCT-SAFE or ePCT (The request, description, claims and abstract in character coded format).

taxe pour le paiement tardif visée à la règle 16bis.2, dans un délai d'un mois à compter de l'invitation. Si vous omettez de payer les taxes, l'office récepteur retirera votre demande.

4. Taxe pour paiement tardif
50% du montant impayé, ou,
Minimum : taxe de transmission
Maximum : 50% de la taxe de dépôt international

Examen préliminaire

5. Taxe de traitement (Règle 57.2*a*)) **269 $**

6. Taxe d'examen préliminaire (Règle 58) **800 $**

* Les frais seront réduits de:

- **269 $** pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête étant en format à codage de caractères).
- **404 $** pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête, la description, les revendications et l'abrégé étant en format à codage de caractères).

12. PCT Notices

Patent Cooperation Treaty (PCT)

Copies of the *Patent Cooperation Treaty Applicants Guide* and the *Patent Cooperation Treaty & Regulations* are available from WIPO - World Intellectual Property Organization at a cost of 200 Swiss Francs and 18 Swiss Francs, respectively.

Those wishing for further information including prices for both previous and current subscriptions should contact WIPO at:

Information Products Section
Post Office Box 18
1211 Geneva 20 Switzerland
Telephone (011 41 22) 338-9618
Facsimile (011 41 22) 740-1812

or by "E-mail" (publications.mail@wipo.int) or visit their Web site (www.wipo.int).

12. Avis PCT

Traité de Coopération en matière de brevets (PCT)

Des copies du *Guide du déposant du PCT* ainsi que du *Traité et des Règlements* sont disponibles auprès de l'OMPI - Organisation mondiale de la propriété intellectuelle au coût de 200 francs suisses et 18 francs suisses, respectivement.

Les personnes qui désirent obtenir de plus amples renseignements, notamment sur le prix des abonnements antérieurs et courants, sont priées de s'adresser directement à :

l'OMPI à la Section des produits d'information
Boîte postale 18
1211 Genève 20 Suisse
Téléphone (011 41 22) 338-9618
Télécopieur (011 41 22) 740-1812

ou par courriel (publications.mail@wipo.int) ou visiter leur site Web (www.wipo.int).

13. Practice Notice

LIMITED PARTNERSHIPS CAN BE ENTERED ON THE REGISTER OF AGENTS AND ON THE LIST OF TRADE-MARK AGENTS

Note: *This practice notice is intended to provide guidance on current Patent and Trade-marks Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

The Patent Office and the Trade-marks Office (hereinafter jointly referred to as "the Offices") have been receiving inquiries as to whether limited partnerships are entitled to act as patent and trade-mark agents before the Offices.

With respect to the register of patent agents, section 15 of the *Patent Act* provides that a register of patent agents shall be kept in the Patent Office on which shall be entered the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for patents or in other business before the Patent Office. Section 2 of the *Patent Rules* stipulates that the expression "patent agent" means any person or firm whose name is entered on the register of patent agents pursuant to section 15. Paragraph 15(c) of the *Patent Rules* provides that the Commissioner shall enter on the register of patent agents, on payment of the fee set out in item 33 of Schedule II, the name of **any firm, if the name of at least one member of the firm is entered on the register.**

With respect to the list of trade-mark agents, subsection 28(2) of the *Trade-marks Act* provides that the list of trade-mark agents shall include the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for the registration of a trade-mark or in other business before the Trade-marks Office. Paragraph 21(d) of the *Trade-mark Regulations* (1996) stipulates that the Registrar shall, on written request and payment of the fee set out in item 19 of the schedule, enter on a list of trade-mark agents the name of **any firm having the name of at least one of its members entered on the list as a trade-mark agent.**

Both the patent and trade-mark legislation therefore provide that firms may act as agents before the Offices, as long as one of their members is entered on the register or list of agents. It is generally recognised that the term "firm" includes partnerships, and the Offices have already allowed general partnerships and limited liability partnerships to be entered on the register or list of agents. The Offices consider that limited partnerships are also firms, and that they are entitled to act as agents before the

13. Énoncé de pratique

LES SOCIÉTÉS EN COMMANDITE PEUVENT ÊTRE INSCRITES AU REGISTRE DES AGENTS DE BREVETS ET SUR LA LISTE DES AGENTS DE MARQUES DE COMMERCE

Nota : *Le présent énoncé de pratique a pour but de préciser les pratiques actuelles du Bureau des brevets et du Bureau des marques de commerce et l'interprétation faite par ces derniers de certaines dispositions législatives. Toutefois, en cas de divergence entre le présent énoncé et la législation applicable, c'est la législation qui prévaudra.*

Le Bureau des brevets et le Bureau des marques de commerce (ci-après appelés conjointement « les Bureaux ») ont reçu des questions à savoir si les sociétés en commandite (en anglais « limited partnerships ») ont le droit d'agir en tant qu'agents de brevets et de marques de commerce auprès des Bureaux.

En ce qui concerne le registre des agents de brevets, l'article 15 de la *Loi sur les brevets* prévoit qu'un registre des agents de brevets est tenu au Bureau des brevets sur lequel sont inscrits les noms de toutes les personnes et entreprises ayant le droit de représenter les demandeurs dans la présentation et la poursuite des demandes de brevet ou dans toute autre affaire devant le Bureau des brevets. Aux termes de l'article 2 des *Règles sur les brevets*, « agent de brevets » s'entend de toute personne ou maison d'affaires dont le nom est inscrit au registre des agents de brevets aux termes de l'article 15. L'alinéa 15c) des *Règles sur les brevets* prévoit que le commissaire inscrit au registre des agents de brevets, moyennant paiement de la taxe prévue à l'article 33 de l'annexe II, le nom de **toute maison d'affaires dont le nom d'au moins un membre est inscrit au registre des agents de brevets**.

En ce qui concerne la liste des agents de marques de commerce, le paragraphe 28(2) de la *Loi sur les marques de commerce* prévoit que la liste des agents de marques de commerce comporte les noms des personnes et études habilitées à représenter les intéressés dans la présentation et la poursuite des demandes d'enregistrement des marques de commerce et de toute affaire devant le Bureau des marques de commerce. Aux termes de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996), le registraire, sur demande écrite et sur paiement du droit prévu à l'article 19 de l'annexe, inscrit sur la liste des agents de marques de commerce le nom de **toute firme dont le nom d'au moins un membre est inscrit sur la liste à titre d'agent de marques de commerce.**

La législation actuelle sur les brevets et celle sur les marques de commerce prévoient donc que des firmes peuvent agir en tant qu'agents auprès des Bureaux, à condition que l'un de leurs membres soit inscrit au registre ou à la liste des agents. Il est généralement admis que le terme « firme » inclut les sociétés (en anglais «partnerships ») et les Bureaux ont déjà autorisé des sociétés en nom collectif (en anglais « general partnerships») ainsi que des sociétés à responsabilité limitée

Offices.

(en anglais « limited liability partnerships ») à être inscrites au registre ou à la liste des agents. Les Bureaux considèrent que les sociétés en commandite sont aussi des firmes et qu'elles ont le droit d'agir en tant qu'agents auprès des Bureaux.

Therefore, commencing immediately, the Offices will enter upon request, on the register or list of agents, limited partnerships that otherwise meet the requirements set out in the patent and trade-mark legislation.

En conséquence, sur demande, les Bureaux inscriront désormais au registre, ou à la liste des agents, les sociétés en commandite qui répondent aux exigences de la *Loi sur les brevets et de la Loi sur les marques de commerce.*

The Offices, however, continue to consider that the current patent and trade-mark legislation do not allow corporations to be entered on the register or list of agents, since corporations do not have members and therefore cannot meet the requirements set out in paragraph 15(c) of the *Patent Rules* and paragraph 21(d) of the *Trade-mark Regulations* (1996).

Les Bureaux continuent toutefois de considérer que la législation actuelle sur les brevets et les marques de commerce ne permet pas aux compagnies (en anglais « corporations ») d'être inscrites au registre ou à la liste des agents, étant donné que les compagnies n'ont pas de membres et ne peuvent donc pas satisfaire aux exigences de l'alinéa 15c) des *Règles sur les brevets* et de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996).

14. Correspondence Procedures

June 20, 2017

1. Physical Delivery of Correspondence to CIPO
2. Electronic Correspondence
3. Details concerning the electronic formats accepted
4. General Information
5. Statutory Holidays
6. Procedures in case of an unexpected Office closure at CIPO
7. Procedures when CIPO is open for business but clients are unable to communicate with the Office
8. Intellectual property acts, rules and regulations

This notice will replace all previous notices regarding Correspondence Procedures.

Note: *This practice notice is intended to provide guidance on current Canadian Intellectual Property Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

14. Procédures de correspondance

le 20 juin, 2017

1. Livraison en personne de correspondance à l'OPIC
2. Correspondance électronique
3. Précisions concernant les formats électroniques acceptés
4. Renseignements généraux
5. Jours fériés
6. Procédures en cas de fermeture des bureaux
7. Procédures à suivre lorsque les clients sont incapables de communiquer avec les bureaux de l'Office de la propriété intellectuelle du Canada durant les heures d'ouverture
8. Lois, règles et règlements sur la propriété intellectuelle

Le présent avis remplacera tous les avis antérieurs relatifs aux procédures de correspondance.

Nota : *Le présent avis fournit une orientation concernant les pratiques et interprétations relatives aux lois pertinentes au sein de l'Office de la propriété intellectuelle du Canada. Toutefois, en cas d'incompatibilité entre cet avis et la législation applicable, c'est celle-ci qu'il faudra suivre.*

1. Physical Delivery of Correspondence to CIPO

For the purposes of sections 5 and 54 of the Patent Rules, section 3 of the Trade-marks Regulations, section 2 of the Copyright Regulations, section 3 of the Industrial Design Regulations and section 3 of the Integrated Circuit Topography Regulations, the address of the Patent Office, the Office of the

1. Livraison en personne de correspondance à l'OPIC

Aux fins des articles 5 et 54 des Règles sur les brevets, de l'article 3 du Règlement sur les marques de commerce, de l'article 2 du Règlement sur le droit d'auteur, de l'article 3 du Règlement sur les dessins industriels et de l'article 3 du Règlement sur les topographies de circuits intégrés, l'adresse

Registrar of Trade-marks, the Copyright Office, the Industrial Design section of the Office of the Commissioner of Patents, and the Office of the Registrar of Topographies (hereinafter sometimes collectively referred to as "CIPO") is:

Canadian Intellectual Property Office
Place du Portage I
50 Victoria Street, Room C-114
Gatineau QC K1A 0C9

Correspondence delivered to the above address during ordinary business hours 8:30 a.m. to 4:30 p.m. (local time) will be considered to be received on the date of delivery.

Please be advised that once correspondence is received by CIPO it cannot be returned to the sender, even if the sender states that the correspondence was sent by mistake. Exceptionally, in cases where correspondence is related to a patent application that does not meet the requirements under subsection 27.1(1) of the Patent Act for obtaining a filing date, the documents will be returned to the sender.

The Fee Payment Form should always be submitted as a covering document and should be the only document submitted to CIPO that contains financial information, such as credit card numbers.

Download the Fee Payment Form.

1.1 Designated Establishments

For the purposes of subsections 5(4) and 54(3) of the Patent Rules, subsection 3(4) of the Trade-marks Regulations, subsection 2(4) of the Copyright Regulations, subsection 3(4) of the Industrial Design Regulations and subsection 3(4) of the Integrated Circuit Topography Regulations, the following are the designated establishments or designated offices to which correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered **in person**:

1. Innovation, Science and Economic Development Canada
   C.D. Howe Building
   235 Queen Street, Room S-143
   Ottawa ON K1A 0H5
   Tel.: 343-291-3436

   8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

2. Innovation, Science and Economic Development Canada
   Sun Life Building
   1155 Metcalfe Street, Room 950
   Montreal QC H3B 2V6

du Bureau des brevets, du Bureau du registraire des marques de commerce, du Bureau du droit d'auteur, de la Section des dessins industriels du Bureau du commissaire aux brevets, et du Bureau du registraire des topographies (ci-après parfois collectivement appelés « OPIC » est la suivante :

Office de la propriété intellectuelle du Canada
Place du Portage I
50, rue Victoria, pièce C-114
Gatineau (Québec) K1A 0C9

La correspondance livrée à l'adresse ci-dessus lors des heures normales d'ouverture, soit de 8h30 à 16h30 (heure locale), sera considérée comme ayant été reçue la journée même de la livraison.

Veuillez prendre note qu'une fois que l'OPIC reçoit de la correspondance, il ne peut pas la retourner à l'expéditeur, même si l'expéditeur indique que la correspondance a été envoyée par erreur. Exceptionnellement, dans le cas où la correspondance vise une demande de brevet ne satisfaisant pas aux exigences du paragraphe 27.1(1) de la Loi sur les brevets pour l'obtention d'une date de dépôt, les documents seront retournés à l'expéditeur.

Le formulaire de paiements devrait toujours être présenté comme page couverture et devrait être le seul document soumis à l'OPIC contenant de l'information financière telle que les numéros de carte de crédit.

Téléchargez le formulaire de paiements.

1.1 Établissements désignés

Aux fins des paragraphes 5(4) et 54(3) des Règles sur les brevets, du paragraphe 3(4) du Règlement sur les marques de commerce, du paragraphe 2(4) du Règlement sur le droit d'auteur, du paragraphe 3(4) du Règlement sur les dessins industriels et du paragraphe 3(4) du Règlement sur les topographies de circuits intégrés, les établissements ou bureaux désignés où peut être livrée **en personne** la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies sont les suivants :

1. Innovation, Sciences et Développement économique Canada
   Édifice C.D. Howe
   235, rue Queen, pièce S-143
   Ottawa (Ontario) K1A 0H5
   Tél. : 343-291-3436

   8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

2. Innovation, Sciences et Développement économique Canada
   Édifice Sun Life
   1155, rue Metcalfe, bureau 950
   Montréal (Québec) H3B 2V6

Tel.: 514-496-1797
Toll-free: 1-888-237-3037

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

3. Innovation, Science and Economic Development Canada
151 Yonge Street, 4th Floor
Toronto ON M5C 2W7
Tel.: 416-973-5000

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

4. Innovation, Science and Economic Development Canada
Canada Place
9700 Jasper Avenue, Suite 725
Edmonton AB T5J 4C3
Tel.: 780-495-4782
Toll-free: 1-800-461-2646

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

5. Innovation, Science and Economic Development Canada
Library Square
300 West Georgia Street, Suite 2000
Vancouver BC V6B 6E1
Tel.: 604-666-5000

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

Correspondence delivered, during ordinary business hours, to one of the designated establishments listed above, will be considered to be received on the date of delivery to that designated establishment, only if it is also a day on which CIPO is open for business. Correspondence delivered to a designated establishment on a day when CIPO is closed for business will be considered to be received on the next day on which CIPO is open for business. For example, correspondence delivered to the designated establishment in Toronto on June 24 will not be considered received on June 24 since CIPO is closed for business. The correspondence will be considered received on the next day CIPO is open for business.

Please note that documents delivered to the addresses listed above must be enclosed in a sealed envelope.

1.2. Registered Mail™ and Xpresspost™ services of Canada Post

For the purposes of subsections 5(4) and 54(3) of the Patent Rules, subsection 3(4) of the Trade-marks Regulations, subsection 2(4) of the Copyright Regulations, subsection 3(4) of the Industrial Design Regulations and subsection 3(4) of the Integrated Circuit Topography Regulations, the Registered Mail™ and Xpresspost™ services of Canada Post are designated establishments or designated offices to which

Tél. : 514-496-1797
Sans frais : 1-888-237-3037

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

3. Innovation, Sciences et Développement économique Canada
151, rue Yonge, 4e étage
Toronto (Ontario) M5C 2W7
Tél. : 416-973-5000

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

4. Innovation, Sciences et Développement économique Canada
Canada Place
9700, avenue Jasper, pièce 725
Edmonton (Alberta) T5J 4C3
Tél. : 780-495-4782
Sans frais : 1-800-461-2646

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

5. Innovation, Sciences et Développement économique Canada
Library Square
300, rue Georgia Ouest, pièce 2000
Vancouver (C.-B.) V6B 6E1
Tél. : 604-666-5000

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

La correspondance livrée pendant les heures normales d'ouverture à l'un des établissements désignés susmentionnés sera réputée reçue à la date de livraison à cet établissement seulement si l'OPIC est ouvert au public à cette même date. Sinon, elle sera réputée avoir été reçue à la date du jour d'ouverture suivant de l'OPIC. Par exemple, la correspondance livrée à un établissement désigné à Toronto le 24 juin ne sera pas considérée comme ayant été reçue le 24 juin, puisque les bureaux de l'OPIC seront fermés. La correspondance sera considérée comme ayant été reçue lors de la prochaine journée ouvrable de l'OPIC.

Prendre note que les documents livrés aux adresses énumérées ci-dessus doivent être insérés dans une enveloppe scellée.

1.2. Services Courrier recommandé^MC et Xpresspost^MC de Postes Canada

Aux fins des paragraphes 5(4) et 54(3) des Règles sur les brevets, du paragraphe 3(4) du Règlement sur les marques de commerce, du paragraphe 2(4) du Règlement sur le droit d'auteur, du paragraphe 3(4) du Règlement sur les dessins industriels et du paragraphe 3(4) du Règlement sur les topographies de circuits intégrés, les services Courrier recommandé^MC et Xpresspost^MC de Postes Canada sont des

correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered.

établissements ou des bureaux désignés auquels la correspondance adressée au commissaire aux brevets, au Registraire des marques de commerce, au Bureau du droit d'auteur ou au Registraire des topographies peut être livrée.

CIPO considers that correspondence delivered through the Registered Mail™ and Xpresspost™ services of Canada Post is received by CIPO on the day indicated on the mailing receipt provided by Canada Post, or if CIPO is closed for business on that day, on the day when CIPO is next open for business.

L'OPIC considère que la correspondance livrée par l'entremise des services Courrier recommandé^{MC} et Xpresspost^{MC} de Postes Canada sont reçus par l'OPIC le jour indiqué sur le reçu de confirmation émis par Postes Canada, ou si l'OPIC est fermé au public ce jour-là, le jour de la réouverture de l'OPIC.

2. Electronic Correspondence

In accordance with section 8.1 of the Patent Act, and for the purposes of subsections 5(6), 54(5), and 68(3) of the Patent Rules, subsection 3(6) of the Trade-marks Regulations, subsection 2(6) of the Copyright Regulations, subsection 3(6) of the Industrial Design Regulations, and subsection 3(6) of the Integrated Circuit Topography Regulations, correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent by facsimile, online or on an electronic medium only as provided in the current notice.

In accordance with subsection 54(5) of the Patent Rules, the request for national entry is the only correspondence addressed to the Commissioner in respect of an international application that can be submitted online or on an electronic medium with the exception of sequence listings, applications prepared using the PCT-SAFE software or prepared using WIPO's ePCT online service as specified in the current notice. Other correspondence submitted online or on an electronic medium in respect of international applications that have not entered the national phase will not be accepted.

Subsection 3(9) of the Trade-marks Regulations specifies certain categories of correspondence to which the provisions of subsection 3(6) do not apply and which thus may not be sent by facsimile or online.

Correspondence sent by facsimile or online to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies constitutes the original, therefore a duplicate paper copy should not be forwarded.

Correspondence delivered by electronic means of transmission, including facsimile, will be considered to be received on the day that it is transmitted if delivered and received before midnight, local time at CIPO on a day when CIPO is open for business. When CIPO is closed for business, correspondence delivered on that day will be considered to be received on the next day on which CIPO is open for business.

2. Correspondance électronique

Conformément à l'article 8.1 de la Loi sur les brevets et aux fins des paragraphes 5(6), 54(5) et 68(3) des Règles sur les brevets, du paragraphe 3(6) du Règlement sur les marques de commerce, du paragraphe 2(6) du Règlement sur le droit d'auteur, du paragraphe 3(6) du Règlement sur les dessins industriels et du paragraphe 3(6) du Règlement sur les topographies de circuits intégrés, la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par télécopieur ou encore en ligne ou à l'aide d'un support électronique et ce, seulement de la manière indiquée dans le présent avis.

Conformément au paragraphe 54(5) des Règles sur les brevets, la demande d'entrée en phase nationale d'une demande internationale est la seule correspondance adressée au commissaire qui peut être présentée en ligne ou sur support électronique, à l'exception des listages de séquences, des demandes préparées à l'aide du logiciel PCT-SAFE ou préparées à l'aide du service en ligne ePCT de l'OMPI, tel qu'indiqué dans le présent avis. Toute autre correspondance présentée en ligne ou sur support électronique relativement à des demandes internationales qui ne sont pas entrées dans la phase nationale ne sera pas acceptée.

Le paragraphe 3(9) du Règlement sur les marques de commerce prévoit certaines catégories de correspondance auxquelles les dispositions du paragraphe 3(6) ne s'appliquent pas et qui, par conséquent, ne peuvent pas être envoyées par télécopieur ou en ligne.

La correspondance envoyée par télécopieur ou en ligne au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies tient lieu d'original. Par conséquent, une copie sur support papier ne devrait pas être expédiée.

La correspondance livrée et reçue par voie électronique, y compris par télécopieur, est réputée reçue à l'OPIC le jour même avant minuit, heure locale, lorsque l'OPIC est ouvert au public. Si elle est transmise un jour où l'OPIC est fermé au public, elle est réputée reçue à la date du jour d'ouverture suivant de l'OPIC.

2.1 Facsimile

Facsimile correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent to the following facsimile numbers:

- (819) 953-CIPO (2476) or
- (819) 953-OPIC (6742)

Facsimile correspondence that is sent to any facsimile number other than those indicated above, including those of a designated establishment or designated office, will be considered not to have been received.

The electronic transmittal report returned to you following your facsimile transmission will constitute your acknowledgment receipt. Confidentiality of the facsimile transmission process cannot be guaranteed. Please note that CIPO strongly discourages the use of a computer facsimile interface or internet-based facsimile services due to technical issues with reception.

When submitting a document by facsimile that also has a fee requirement, notification of the preferred mode of payment to be applied must be prominently displayed on the Fee Payment Form to ensure expedient processing.

Patents

The document presentation requirements set out in sections 69 and 70 of the Patent Rules apply to facsimile correspondence.

2.2 Online

Correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent electronically using the relevant links below.

Patents

For the purpose of subsection 5(6) of the Patent Rules, correspondence addressed to the Commissioner may be sent electronically by accessing the following pages:

- filing an application (regular application);
- filing a request for national entry;
- filing an international application (PCT Safe or ePCT);
- general correspondence relating to applications and patents;
- maintaining the name of a patent agent on the register

2.1 Correspondance par télécopieur

La correspondance par télécopieur adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise aux numéros ci-dessous :

- 819-953-OPIC (6742) ou
- 819-953-CIPO (2476)

La correspondance qui est transmise par télécopieur à tout autre numéro de télécopieur que ceux qui sont indiqués ci-dessus, y compris ceux d'établissements ou de bureaux désignés, sera réputée non reçue.

Le rapport de transmission électronique que vous recevrez après votre envoi par télécopieur constituera votre accusé de réception. La confidentialité du processus de transmission électronique ne peut pas être garantie. Veuillez noter que l'OPIC décourage fortement l'utilisation d'interface de télécopie par ordinateur ou de services de télécopie par le biais d'internet étant donné les problèmes techniques probables avec la réception.

Quand on transmet par télécopieur un document comprenant une demande d'acquittement de frais, il faut clairement indiquer le mode de paiement préféré sur le formulaire de paiements en vue d'assurer un traitement rapide.

Brevets

Les exigences relatives à la présentation des documents énoncées aux articles 69 et 70 des Règles sur les brevets s'appliquent à la correspondance par télécopieur.

2.2 En ligne

La correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par voie électronique.

Brevets

Aux fins du paragraphe 5(6) des Règles sur les brevets, la correspondance adressée au commissaire peut être envoyée par voie électronique, notamment par le biais des pages suivantes :

- déposer une demande (demande régulière);
- déposer une demande d'entrée dans la phase nationale;
- déposer une demande internationale (PCT Safe ou ePCT);
- correspondance générale concernant des demandes et des brevets;
- maintien du nom d'un agent de brevets dans le registre

of patent agents; and

- ordering copies in paper, or electronic form of a document.

Canada as Receiving Office Under the PCT: PCT-SAFE

Pursuant to PCT Rule 89bis, CIPO, in its role as a receiving Office, accepts the electronic filing of an international application prepared using the latest version of the WIPO's PCT-Safe software and applications prepared using WIPO's ePCT online service. Filing in both cases must be done using CIPO's International Filing e-service, called PCT E-Filing.

Note: Correspondence related to PCT international applications can not be sent electronically to CIPO. Correspondence may be sent by mail, by facsimile or delivered by hand to CIPO or to a designated establishment.

Trademarks

For the purpose of subsection 3(6) of the Trade-marks Regulations, the following correspondence addressed to the Registrar of Trade-marks may be sent electronically by accessing the following pages:

- filing a new or revised trademark application;
- renewal of a trademark registration;
- request to enter a name on the list of trademark agents;
- annual renewal of a trademark agent;
- requesting copies of trademark documents;
- filing of a declaration of use;
- registration of a trademark application;
- statement of Opposition; and
- extensions of time in trademark opposition cases

Copyright

For the purpose of subsection 2(6) of the Copyright Regulations, the following correspondence addressed to the Copyright Office may be sent electronically, by accessing the following pages:

- application for registration of a copyright in a work,
- application for registration of a copyright in a performer's performance, sound recording or a

des agents de brevets;

- commande de copies papier ou d'un document sous forme électronique.

Le Canada comme office récepteur au titre du PCT : PCT-SAFE et ePCT

Conformément à la Règle 89bis du PCT, l'OPIC, à titre d'office récepteur, accepte le dépôt d'une demande internationale préparée à l'aide de la plus récente version du logiciel PCT-SAFE de l'OMPI, et d'une demande préparée à l'aide du service en ligne ePCT de l'OMPI. Dans les deux cas, le dépôt doit se faire à l'aide du service électronique de dépôt de demandes internationales de l'OPIC, appelé Dépôt en ligne de demandes PCT.

Note: La correspondance liée aux demandes internationales PCT ne peut être envoyée par voie électronique à l'OPIC. La correspondance peut être envoyée par courrier, par télécopieur ou remis en mains à l'OPIC ou à un établissement désigné.

Marques de commerce

Aux fins du paragraphe 3(6) du Règlement sur les marques de commerce, la correspondance indiquée ci-dessous qui est adressée au registraire des marques de commerce peut être envoyés par voie électronique, notamment par les pages suivantes :

- nouvelle demande ou demande modifiée d'enregistrement de marque de commerce;
- renouvellement de l'enregistrement d'une marque de commerce;
- demande d'inscription d'un nom à la liste des agents de marques de commerce;
- renouvellement annuel d'un agent de marques de commerce;
- commande de copies de documents de marques de commerce,
- dépôt d'une déclaration d'emploi;
- l'enregistrement d'une marque de commerce
- dépôt d'une déclaration d'opposition; et
- demande de prolongation de délai dans une procédure d'opposition.

Droits d'auteur

Aux fins du paragraphe 2(6) du Règlement sur le droit d'auteur, la correspondance indiquée ci-dessous qui est adressée au Bureau du droit d'auteur peut être transmise par voie électronique. Pour ce faire, il faut accéder aux pages suivantes :

- demande d'enregistrement d'un droit d'auteur sur une œuvre,
- demande d'enregistrement d'un droit d'auteur sur une prestation, un enregistrement sonore ou un signal de

communication signal;

- filing a grant of interest;
- request for certificate of correction;
- ordering copies in paper, or electronic form of a document; and
- general correspondence relating to copyright.

communication;

- dépôt d'une concession d'intérêt;
- demande de certificat de correction;
- commande de copies des documents papier ou électroniques et
- correspondance générale relative aux droits d'auteur.

Industrial Designs

For the purpose of subsection 3(6) of the Industrial Design Regulations, the following correspondence addressed to the Commissioner of Patents may be sent electronically, by accessing the following pages:

- application for registration of an industrial design;
- ordering copies in paper, or electronic form of a document;
- general correspondence relating to industrial designs; and
- payment of industrial design maintenance fees.

Dessins industriels

Aux fins du paragraphe 3(6) du Règlement sur les dessins industriels, la correspondance indiquée ci-dessous qui est adressée au commissaire aux brevets peut être transmise par voie électronique. Pour ce faire, il faut accéder aux pages suivantes :

- demande d'enregistrement d'un dessin industriel;
- commande de copies de documents papier ou électroniques;
- correspondance générale relative aux dessins industriels; et
- paiement des droits de maintien des dessins industriels.

Integrated Circuit Topographies

For the purpose of subsection 3(6) of the Integrated Circuit Topography Regulations, the following correspondence addressed to the Registrar of Topographies may be sent electronically, by accessing the following page:

- general correspondence relating to integrated circuit topographies.

Topographies de circuits intégrés

Aux fins du paragraphe 3(6) du Règlement sur les topographies de circuits intégrés, la correspondance indiquée ci-dessous qui est adressée au registraire des topographies peut être transmise par voie électronique. Pour ce faire, il faut accéder à la page suivante :

- correspondance générale relative aux topographies de circuits intégrés.

2.3 Electronic medium

Patents

The Patent Office will accept correspondence on various types of electronic medium as specified below. The electronic medium should contain a table of contents and be provided with a cover letter, which will be date stamped by CIPO and placed in the application file. Filing date requirements prescribed in the Patent Rules still remain.

When submitted on an electronic medium, the parts of the application must be logically broken down in files, which are no larger than 25 megabytes.

With regards to sequence listings under Rule 111 of the Patent Rules, the electronic medium must be separate from any electronic medium which may be filed containing parts of the

2.3 Supports électroniques

Brevets

Le Bureau des brevets acceptera la correspondance transmise à l'aide de divers supports électroniques, tel qu'indiqué ci-dessous. Le support électronique devrait contenir une table des matières et être accompagné d'une lettre explicative, laquelle sera datée par l'OPIC et placée dans le dossier de la demande. Les exigences relatives à la date de dépôt énoncées dans les Règles sur les brevets resteront applicables.

Les parties d'une demande qui sont présentées sur support électronique doivent être logiquement réparties en fichiers de 25 mégaoctets au maximum.

En ce qui concerne les listages des séquences prévus à l'article 111 des Règles sur les brevets, le support électronique doit être distinct de tout support électronique qui peut être déposé et qui

application itself or amendment(s) thereof.

contient des parties de la demande elle-même ou des modifications relatives à la demande.

Canada as Receiving Office Under the PCT: Electronic Filing of Sequence Listings

Pursuant to PCT Rules 89bis and 89ter, and in accordance with Part 7 of the PCT Administrative Instructions, where an international application contains disclosure of one or more nucleotide and/or amino acid sequence listings, CIPO, in its role as a receiving Office, accepts that the sequence listing part of the description and/or any table related to the sequence listing(s) be filed, at the option of the applicant:

i. only on an electronic medium in electronic form in accordance with section 702 of Part 7 of the PCT Administrative Instructions; or

ii. both on an electronic medium in electronic form and on paper in accordance with section 702 of Part 7 of the PCT Administrative Instructions;

provided that the other elements of the international application are filed as otherwise provided for under the PCT.

The sequence listing part of an international application filed in electronic form and related tables filed in electronic form shall comply with the relevant provisions of Annex C and C-bis of the PCT Administrative Instructions respectively.

For this purpose the Canadian receiving Office will accept any electronic media specified in Annex F of the PCT Administrative Instructions. Where both the sequence listing and the tables are filed in electronic form, the listing and the tables shall be contained on separate electronic media, which shall contain no other programs or files.

For the purpose of processing the international application, the Canadian receiving Office requires two (2) additional copies of the electronic media containing the sequence listing and/or tables in electronic form, accompanied by a statement that the sequence listings and/or tables contained in the copies are identical to those in electronic form as filed.

For further details concerning the filing of sequence listings and/or tables in electronic form, including the labeling of the electronic media and the calculation of the international filing fee, refer to section 7 of the PCT Administrative Instructions.

Electronic Media accepted by the Patent Office

The Patent Office will accept 3.5 inch diskette, CD-ROM, CD-R, DVD, DVD-R and any format as specified in Annex F of

Le Canada comme office récepteur au titre du PCT : Dépôt électronique des listages de séquences

Conformément aux Règles 89bis et 89ter du PCT et à la Partie 7 des Instructions administratives du PCT, lorsqu'une demande internationale contient la divulgation d'un ou de plusieurs listages des séquences de nucléotides et/ou d'acides aminés, à titre d'office récepteur l'OPIC accepte le dépôt de la partie de la description contenant les listages des séquences et/ou de tout tableau relatif aux listages des séquences et ce, à la discrétion du requérant :

i. seulement sous forme électronique et sur support électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT, ou

ii. sur support papier et sur support électronique sous forme électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT,

à condition que les autres éléments de la demande internationale soient déposés conformément aux dispositions du PCT.

Dans une demande internationale déposée sous forme électronique, la partie qui contient le listage des séquences et les tableaux connexes seront conformes aux dispositions pertinentes de l'Annexe C et de l'Annexe C-bis des Instructions administratives du PCT, respectivement.

À cette fin, l'office récepteur canadien acceptera tout support électronique prévu à l'Annexe F des Instructions administratives du PCT. Lorsque le listage des séquences et les tableaux sont déposés sous forme électronique, ils le seront sur des supports électroniques distincts ne contenant pas d'autres programmes ni fichiers.

Aux fins du traitement de la demande internationale, l'office récepteur canadien exige deux (2) copies supplémentaires du support électronique contenant le listage de séquences et/ou les tableaux sous forme électronique, accompagnées d'une déclaration indiquant que le listage des séquences et/ou les tableaux contenus dans les copies sont identiques à ceux qui ont été déposés sous forme électronique.

On trouvera à l'article 7 des Instructions administratives du PCT des détails supplémentaires sur le dépôt de listages des séquences et/ou de tableaux sous forme électronique, notamment sur l'étiquetage des supports électroniques et le calcul de la taxe de dépôt internationale.

Supports électroniques acceptés par le Bureau des brevets

Le Bureau de brevets acceptera des disquettes 3,5 pouces, CD-ROM, CD-R, DVD, DVD-R et tout format spécifié à l'Annexe

the PCT Administration Instructions.

The electronic medium must also be free of worms, viruses or other malicious content. Files with malicious content will be deleted.

3. Details concerning the electronic formats accepted

Patents

In accordance with section 8.1 of the Patent Act, and for the purposes of subsections 5(6), 54(5), and 68(3) of the Patent Rules, the acceptable file formats for documents submitted electronically using the relevant links set out in section 2.2 of these correspondence procedures or on electronic media are TIFF and PDF. In order to get a correspondence date, the office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the office will request the documents to be replaced by documents in PDF or TIFF and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

Sequence listings can be initially provided in TIFF, PDF or in ASCII file formats. However, as a completion requirement according to section 94 of the Patent Rules, a sequence listing in the ASCII format compliant with the "PCT sequence listing standard" has to be submitted. Therefore, CIPO encourages applicants to submit the sequence listings in the ASCII format in the first place.

When applicable, the Patent Office will accept files in the TIFF, PDF and ASCII format when they comply with the following specifications:

TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black and white;
- Resolution of either 300 or 400 dpi;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11" or A4.

PDF Format:

- Adobe Portable Document Format Version 1.4 compatible;
- Non-compressed text to facilitate searching;
- Unencrypted text;
- No embedded OLE objects;
- All fonts must be embedded and licensed for distribution.

F des Instructions administratives du PCT.

Le support électronique doit aussi être exempt de tout ver, virus ou autre contenu malveillant. Les fichiers ayant un contenu malveillant seront effacés.

3. Précisions concernant les formats électroniques acceptés

Brevets

Conformément à l'article 8.1 de la Loi sur les brevets et aux fins des paragraphes 5(6), 54(5) et 68(3) des Règles sur les brevets, les formats de fichiers acceptables pour les documents présentés par voie électronique en utilisant les liens spécifiés à l'article 2.2 de ces procédures de correspondance ou sur support électronique sont les formats TIFF et PDF. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats à condition qu'ils soient consultables à l'aide du logiciel « Stellent Quick View Plus 8.0.0 ». Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers en format PDF ou TIFF, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents initialement déposés.

Les listages des séquences peuvent être initialement déposés sous forme de fichiers TIFF, PDF ou ASCII. Toutefois, afin de compléter la demande, conformément à l'article 94 des Règles sur les brevets, un listage des séquences en format ASCII conforme à la Norme PCT de listage des séquences devra être présenté. L'OPIC encourage donc les demandeurs à déposer les listages de séquences en format ASCII dès le départ.

Le cas échéant, le Bureau des brevets acceptera des fichiers en format TIFF, PDF et ASCII s'ils sont conformes aux spécifications suivantes :

Format TIFF

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc
- Résolution : 300 ou 400 ppp
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po ou A4.

Format PDF

- Compatible avec Adobe Portable Document Format Version 1.4
- Texte non comprimé, pour faciliter la recherche
- Texte non chiffré
- Pas d'objets OLE incorporés
- Toutes les polices de caractère doivent être incorporées et leur distribution doit être autorisée.

ASCII

- Shall be encoded using IBM Code Page 437, IBM Code Page 932 or a compatible code page.

ASCII

- Le texte sera encodé à l'aide des pages de codes IBM 437 ou IBM 932 ou d'une page de codes compatible.

Industrial Design

For the purposes of subsection 3(6) of the Industrial Design Regulations, the acceptable file formats for documents submitted electronically using the relevant links set out in section 2.2 of these correspondence procedures are: TIFF, JPEG, WPD and Doc. In order to get a correspondence date, the Office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the Office will request the documents to be replaced by documents in one of the acceptable formats and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

When submitting images electronically, we strongly encourage clients to comply with the following specifications:

TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black and white;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11";
- Resolution of 300 dpi

Photographs in JPEG Format:

- JPEG compression, Gray Scale 8 bit (256 Shades of Gray);
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11";
- Resolution of 300 dpi

For all images submitted in different formats, the office may print and scan the images or convert them to recommended formats prior to loading them in the database. If the office converts files to an acceptable format this could result in a change in quality to the drawings.

Dessins industriels

Aux fins des paragraphes 3(6) et 12(3) du Règlement sur les dessins industriels, les formats de fichiers acceptables pour les documents présentés par voie électronique en utilisant les liens spécifiés à l'article 2.2 de ces procédures de correspondance sont : TIFF, JPEG, WPD et DOC. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats, à condition qu'ils soient consultables à l'aide du logiciel « Stellent Quick View Plus 8.0.0 ».Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers présentés dans un des formats acceptables, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents déposés à l'origine.

Nous encourageons fortement les clients à respecter les spécifications suivantes lorsqu'ils déposent des images par voie électronique :

Format TIFF :

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po
- Résolution : 300 ppp

Photographies en format JPEG :

- Compression JPEG, échelle de gris de 8 bits (256 tons de gris)
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po
- Résolution : 300 ppp

Pour toutes les images soumises dans différents formats, le bureau peut imprimer et balayer les images par scanner ou les convertir dans les formats recommandés avant leur chargement dans la base de données. Si le bureau convertit les fichiers dans un format acceptable, ceci pourrait résulter en un changement de la qualité des dessins.

4. General Information

General information may be obtained by communicating with CIPO's Client Service Centre.

4. Renseignements généraux

On pourra obtenir des renseignements généraux en communiquant avec le Centre de services à la clientèle de l'OPIC.

5. Statutory Holidays

- Time limits under the Patent, Trade-marks, Industrial Design, Copyright and Integrated Circuit Topography Acts
- Time limits under the Patent and Trade-marks Act
- Time limits under the Patent Cooperation Treaty
- Provincial and Territorial Holidays
- When Patent and Trademarks Offices are closed for business

5. Jours fériés

- Délais prévus dans les lois sur les brevets, les marques de commerce, les dessins industriels, le droit d'auteur et les topographies de circuits intégrés
- Délais prévus dans la Loi sur les brevets et dans la Loi sur les marques de commerce
- Délais prévus dans le Traité de coopération en matière de brevets
- Jours fériés provinciaux ou territoriaux
- Jours de fermeture au public des bureaux des brevets et des marques de commerce

Time limits under the Patent, Trade-marks, Industrial Design, Copyright and Integrated Circuit Topography Acts

In accordance with section 26 of the Interpretation Act, any person choosing to deliver a document to a designated establishment (including CIPO's offices in Gatineau, Quebec; an Innovation, Science and Economic Development Canada regional office or the Registered Mail™ and Xpresspost™ services of Canada Post) where a federal, provincial or territorial holiday exists, is entitled to an extension of any time limit for the filing of the document that expires on the holiday, until the next day that is not a holiday. It is to be noted, in respect of provincial and territorial holidays, that the entitlement to the extension is dependent on the establishment to which the document is delivered and not on the place of residence of the person for whom the document is filed or of their agent. For this purpose, documents transmitted to CIPO by electronic means, including by facsimile, would be considered to be delivered to CIPO's offices in Gatineau, Quebec.

CIPO has no practical way of keeping track of the establishment to which documents are delivered. Accordingly, where a person has a time limit for the filing of a document that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. In such circumstances, it will be the responsibility of the person filing the document to ensure that he or she is properly entitled to any needed extension of the time limit.

Délais prévus dans les lois sur les brevets, les marques de commerce, les dessins industriels, le droit d'auteur et les topographies de circuits intégrés

Selon l'article 26 de la Loi d'interprétation, lorsqu'une personne choisit de livrer un document à un établissement désigné (y compris les bureaux de l'OPIC à Gatineau, au Québec, un bureau régional d'Innovation, Sciences et Développement économique Canada ou le service Courrier recommandé de Postes Canada) dans une province où il y a un jour férié fédéral, provincial ou territorial, tout délai fixé pour le dépôt du document, qui expire un jour férié peut être prorogé jusqu'au jour non férié suivant. Dans le cas d'un jour férié provincial ou territorial, il convient de souligner que le droit à la prorogation dépend de l'établissement auquel le document est livré et non du lieu de résidence de la personne pour laquelle le document est déposé ou de son agent. À cet égard, les documents envoyés à l'OPIC par un moyen électronique, y compris par télécopieur, sont réputés être livrés aux bureaux de l'OPIC à Gatineau, au Québec.

En pratique, l'OPIC n'a aucun moyen de faire le suivi sur les établissements auxquels des documents sont livrés. Par conséquent, si le délai pour le dépôt d'un document tombe un jour férié provincial ou territorial et qu'une personne le livre seulement le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement qui justifierait une prorogation du délai. Dans de telles circonstances, il incombe au déposant de s'assurer qu'il a droit à une telle prorogation.

Time limits under the Patent and Trade-marks Acts

In addition to the extensions of time limits referred to above, in accordance with subsection 78(1) of the Patent Act and subsection 66(1) of the Trade-marks Act, any patent or trademark time limit that expires on a day when the Patent and Trademarks Offices are closed for business is deemed to be extended to the next day when the offices are open for business. All persons are entitled to these extensions regardless of their place of residence or of the establishment to which documents are delivered.

No equivalent provisions exist under the Industrial Design Act, the Copyright Act or the Integrated Circuit Topography Act.

Délais prévus dans la Loi sur les brevets et dans la Loi sur les marques de commerce

En plus des prorogations indiquées aux paragraphes précédents, les paragraphes 78(1) de la Loi sur les brevets et 66(1) de la Loi sur les marques de commerce stipulent que tout délai relatif aux brevets ou aux marques de commerce qui expire un jour où les bureaux des marques de commerce et des brevets sont fermés au public est réputé prorogé jusqu'au jour de réouverture de ces bureaux. Toute personne a droit à une telle prorogation quel que soit son lieu de résidence ou l'établissement auquel les documents sont livrés

Il n'existe pas de disposition équivalente dans la Loi sur les dessins industriels, la Loi sur le droit d'auteur ou dans la Loi sur les topographies de circuits intégrés.

Time limits under the Patent Cooperation Treaty

Rule 80.5 of the Regulations under the PCT provides:

If the expiration of any period during which any document or fee must reach a national Office or intergovernmental organization falls on a day:

i. on which such Office or organization is not open to the public for the purposes of the transaction of official business;

ii. on which ordinary mail is not delivered in the locality in which such Office or organization is situated;

iii. which, where such Office or organization is situated in more than one locality, is an official holiday in at least one of the localities in which such Office or organization is situated, and in circumstances where the national law applicable by that Office or organization provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day; or

iv. which, where such Office is the government authority of a Contracting State entrusted with the granting of patents, is an official holiday in part of that Contracting State, and in circumstances where the national law applicable by that Office provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day;

the period shall expire on the next subsequent day on which none of the said four circumstances exists.

CIPO takes the position that section 26 of the Interpretation Act applies to PCT international applications filed in Canada. Accordingly, where a person has a time limit under the PCT for

Délais prévus dans le Traité de coopération en matière de brevets

La règle 80.5 du Règlement d'exécution du PCT prévoit ce qui suit :

Si un délai quelconque pendant lequel un document ou une taxe doit parvenir à un office national ou à une organisation intergouvernementale expire un jour

i. où cet office ou cette organisation n'est pas ouvert au public pour traiter d'affaires officielles;

ii. où le courrier ordinaire n'est pas délivré dans la localité où cet office ou cette organisation est situé;

iii. qui, lorsque cet office ou cette organisation est situé dans plus d'une localité, est un jour férié dans au moins une des localités dans lesquelles cet office ou cette organisation est situé, et dans le cas où la législation nationale applicable par cet office ou cette organisation prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant; ou

iv. qui, lorsque cet office est l'administration gouvernementale d'un État contractant chargée de délivrer des brevets, est un jour férié dans une partie de cet État contractant, et dans le cas où la législation nationale applicable par cet office prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant;

Le délai prend fin le premier jour suivant auquel aucune de ces quatre circonstances n'existe plus.

L'OPIC estime que l'article 26 de la Loi d'interprétation s'applique aux demandes internationales du PCT déposées au Canada. Par conséquent, lorsqu'un délai prévu dans le cadre du

the filing of a document in Canada that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. CIPO, however, takes no position as to whether such extensions would be recognized by other countries, and it will be the responsibility of the person filing the document to ensure that in other countries of interest they are properly entitled to any needed extension of the time limit by reason of Rule 80.5 of the Regulations under the PCT or some other applicable law.

PCT pour le dépôt d'un document au Canada expire un jour férié provincial ou territorial, si le déposant livre le document en question le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement où une prorogation du délai est justifiée. Toutefois, il ne se prononce pas sur l'acceptation éventuelle de ces prorogations par d'autres pays; il incombera à la personne qui dépose le document de vérifier si elle a droit à une prorogation, dans d'autres pays qui l'intéressent, en vertu de la règle 80.5 du Règlement d'exécution du PCT ou d'une autre loi pertinente.

Provincial and Territorial Holidays

For the purposes of this practice notice, CIPO has identified the following as being days that are not federal holidays but that are holidays in one or more provinces or territories:

1. **Alberta**: Third Monday in February (Alberta Family Day)
2. **British Columbia**:
   - First Monday in August (British Columbia Day)
   - Second Monday in February (British Columbia Family Day)
3. **New Brunswick**: First Monday in August (New Brunswick Day)
4. **Newfoundland and Labrador**:
   - March 17 (St. Patrick's Day)
   - April 23 (St. George's Day)
   - June 24 (Discovery Day)
   - July 12 (Orangemen's Day)
   - First Monday in August (Regatta Day)
5. **Nova Scotia**: First Monday in August (Civic Holiday)
6. **Ontario**:
   - Third Monday in February (Ontario Family Day)
   - First Monday in August (Civic Holiday)
7. **Prince Edward Island**: First Monday In August (Civic Holiday)
8. **Quebec**: June 24 (St. John the Baptist Day)
9. **Saskatchewan**: First Monday in August (Saskatchewan Day)
10. **Yukon**: Third Monday in August (Discovery Day)

Jours fériés provinciaux ou territoriaux

Aux fins du présent avis, l'OPIC a indiqué que les jours ci-après, qui ne sont pas des jours fériés pour l'administration fédérale, sont des jours fériés dans au moins une province ou territoire :

1. **Alberta** : troisième lundi de février (Jour de la Famille de l'Alberta)
2. **Colombie-Britannique** :
   - premier lundi d'août (Fête de la Colombie-Britannique)
   - euxième lundi de février (Jour de Famille de la Colombe –Britannique)
3. **Nouveau-Brunswick** : premier lundi d'août (Fête du Nouveau-Brunswick)
4. **Terre-Neuve et Labrador** :
   - 17 mars (Fête de la Saint-Patrick)
   - 23 avril (Fête de la Saint-Georges)
   - 24 juin (Journée de la Découverte)
   - 12 juillet (Jour des Orangistes)
   - Premier lundi d'août (Journée de la Régate)
5. **Nouvelle-Écosse** : premier lundi d'août (congé statutaire)
6. **Ontario** :
   - troisième lundi de février (Jour de la Famille de l'Ontario)
   - premier lundi d'août (congé statutaire)
7. **L'Île-du-Prince-Edouard** : premier lundi d'août (congé civique)
8. **Québec** : 24 juin (Saint-Jean-Baptiste)
9. **Saskatchewan** : premier lundi d'août (Fête de la Saskatchewan)
10. **Yukon** : troisième lundi d'août (Journée de la Découverte)

When CIPO's Offices are closed for business

For the purposes of subsection 78(1) of the Patent Act and subsection 66(2) of the Trade-marks Act, CIPO's Offices are closed for business on the following days:

Jours de fermeture des bureaux de l'OPIC au public

Pour l'application des paragraphes 78(1) de la Loi sur les brevets et 66(2) de la Loi sur les marques de commerce, les bureaux de l'OPIC sont fermés au public les jours suivants :

- All Saturdays and Sundays
- New Year's Day (January 1)*
- Good Friday
- Easter Monday
- Victoria Day: First Monday immediately preceding May 25
- St. John the Baptist Day (June 24)*
- Canada Day (July 1)*
- Labour Day: First Monday in September
- Thanksgiving Day: Second Monday in October
- Remembrance Day (November 11)*
- Christmas Day (December 25)*
- Boxing Day (December 26)

If December 26 falls on a Saturday, CIPO's Offices will be closed on the following Monday. If December 26 falls on a Sunday or Monday, the Offices are closed on the following Tuesday.

* If any of these holidays fall on a Saturday or Sunday, the Offices will be closed on the following Monday.

- Tous les samedi et dimanche
- Jour de l'An (1er janvier)*
- Vendredi Saint
- Lundi de Pâques
- Fête de Victoria : premier lundi précédant le 25 mai
- Saint-Jean-Baptiste (le 24 juin)*
- Fête du Canada (1er juillet)*
- Fête du travail : premier lundi de septembre
- Jour de l'Action de grâces : deuxième lundi d'octobre
- Jour du souvenir (11 novembre)*
- Jour de Noël (25 décembre)*
- L'après-Noël (26 décembre)

Si le 26 décembre est un samedi, les bureaux de l'OPIC seront fermés le lundi suivant. S'il coïncide avec un dimanche ou un lundi, les bureaux le seront le mardi d'après.

* Si l'un ou l'autre de ces jours fériés est un samedi ou un dimanche, les bureaux des brevets et marques de commerce seront fermés le lundi suivant.

6. Procedures in case of an unexpected office closure at CIPO

In case of an **emergency**, CIPO will attempt to remain open for business and ensure that essential service to our clients continues with the least possible disruption or delay.

In view of the **date-sensitive nature** of intellectual property (IP), clients are advised to address important deadlines ahead of time to minimize the risk of affecting their IP rights. For the purposes of such deadlines, unless otherwise notified, clients should assume that all due dates remain in effect.

Whenever CIPO is closed for business, including closures due to extraordinary circumstances, CIPO considers **all time limits to be extended until the next day that it is open for business**. In such situations, mail delivered to CIPO or to the designated regional offices will be considered to be received on the date that CIPO re-opens for business, with the exception of correspondence addressed to the Registrar of Topographies.

There may also be instances in which the designated regional offices may be temporarily closed, yet CIPO remains open for business. In such situations, it remains the responsibility of CIPO's clients to ensure that all deadlines are respected.

Clients are **strongly encouraged** to send date-sensitive material through Canada Post by Registered Mail™ or Xpresspost™ or electronically using the relevant links set out in section 2.2 of these correspondance procedures. Documents may continue to be faxed to CIPO at 819-953-CIPO (953-2476); however date-sensitive material requiring fee payment that is sent by fax must be accompanied by a VISA, MasterCard, or American Express credit card number, or CIPO

6. Procédures en cas de fermeture des bureaux

Dans une **situation d'urgence**, l'OPIC s'efforcera de demeurer ouvert au public et d'assurer un service essentiel à ses clients, et ce, avec le moins d'interruption ou de retard possible.

Étant donné **l'importance que revêtent les délais** en matière de propriété intellectuelle (PI), il est recommandé aux clients de minimiser les risques pouvant nuire à leurs droits en matière de PI en tenant compte à l'avance des dates limites importantes. En ce qui a trait aux délais prescrits, les clients doivent respecter toutes les dates d'échéance, à moins d'avis contraire.

Dans les cas où l'OPIC est fermé au public, y compris pour des raisons exceptionnelles, **les dates limites seront réputées être reportées au prochain jour où l'OPIC sera ouvert au public**. Le cas échéant, sauf pour la correspondance adressée au registraire des topographies, le courrier livré à l'OPIC ou aux bureaux régionaux désignés sera réputé avoir été reçu le jour où l'OPIC rouvre au public.

Il pourrait y avoir des cas où les bureaux régionaux seraient fermés temporairement, mais où l'OPIC resterait ouvert au public. Le cas échéant, les clients de l'OPIC demeurent responsables du respect de tous les échéanciers.

Les clients sont **fortement encouragés** à faire parvenir les documents assujettis à des délais précis par Postes Canada par Courrier recommandé^MC, par Xpresspost^MC ou par voie électronique en utilisant les liens spécifiés à l'article 2.2 de ces procédures de correspondance. Il est toujours possible de télécopier des documents à l'OPIC en composant le 819-953-OPIC (953-6742). Cependant, les documents assujettis à des délais pour lesquels des frais sont exigés, envoyés par

deposit account number.

When possible during an emergency, information and search systems will continue to be available on our website; however, services provided through the Client Service Centre and other support areas within CIPO may be temporarily unavailable. Should an emergency occur, CIPO will post information on our service interruptions as they become available and as circumstances permit.

7. Procedures when CIPO is open for business but clients are unable to communicate with the Office

Patents, Industrial Design, Copyright and Integrated Circuit Topography

The legislative framework in relation with the abovementioned types of intellectual property does not provide CIPO with the flexibility to extend deadlines when it is open for business but clients are unable to communicate with the Office.

In these situations it remains the responsibility of clients to ensure that all deadlines are respected.

Trademarks

The Trade-marks Act and Regulations does allow clients to request a retroactive extension of time when a due date has been missed due to a force majeure type situation. For a retroactive extension of time to be granted, the Registrar of Trade-marks must be satisfied that the failure to do the act or apply for an extension of time before the original due date was not reasonably avoidable. A prescribed fee of $125 may be required in certain cases.

CIPO notes that Bill C-59 – Budget Implementation Act 2015, which received royal assent on June 23, 2015, contains provisions for extensions of time in Force Majeure-type situations (such as catastrophic events). CIPO has commenced work on regulatory amendments to the Patent Rules, Trade-Marks Regulations and the Industrial Design Regulations to bring Bill C-59 into force.

télécopieur, doivent être accompagnés d'un numéro de carte VISA, Mastercard ou American Express ou d'un numéro de compte de dépôt à l'OPIC.

En cas d'urgence, les systèmes d'information et de recherche seront, dans la mesure du possible, accessibles à partir de notre site Web; toutefois, les services fournis par le Centre de services à la clientèle et les autres services de soutien de l'OPIC pourraient temporairement ne pas être offerts. En cas d'urgence, l'OPIC affichera les renseignements nécessaires sur notre page d'interruptions des services lorsque ceux-ci seront disponibles et si les circonstances le permettent.

7. Procédures à suivre lorsque les clients sont incapables de communiquer avec les bureaux de l'Office de la propriété intellectuelle du Canada durant les heures d'ouverture

Brevets, dessins industriels, droit d'auteur et topographies de circuits intégrés

Le cadre législatif relié aux types de propriété intellectuelle mentionnés ci-haut ne permet pas à l'OPIC d'avoir la flexibilité de proroger les délais lors d'une journée ouvrable pendant laquelle les clients sont dans l'impossibilité de communiquer avec le bureau.

Dans une telle situation, les clients demeurent tenus de veiller à ce que les échéances soient respectées.

Marques de commerce

La Loi sur les marques de commerce et le Règlement sur les marques de commerce permettent aux clients de demander une prorogation rétroactive lorsqu'un délai n'a pas été respecté en raison d'une situation de force majeure. Pour qu'une prorogation rétroactive soit accordée, le registraire des marques de commerce doit être convaincu que l'omission d'accomplir l'acte ou de demander la prorogation avant la date initiale d'échéance n'était pas raisonnablement évitable. Un droit prescrit de 125 $ peut être exigé dans certains cas.

L'OPIC souligne que le projet de loi C-59 – Loi d'exécution du budget 2015, qui a reçu la sanction royale le 23 juin 2015, renferme des dispositions permettant la prorogation de délais dans des cas de force majeure (événements catastrophiques par exemple). L'OPIC a entamé des travaux visant à apporter des modifications réglementaires aux Règles sur les brevets, au Règlement sur les marques de commerce et au Règlement sur les dessins industriels afin de mettre le projet de loi C-59 en vigueur.

8. Intellectual property acts, rules and regulations

- Copyright Act
- Copyright Regulations
- Industrial Design Act
- Industrial Design Regulations
- Integrated Circuit Topography Act
- Integrated Circuit Topography Regulations
- Interpretation Act
- Patent Act
- Patent Rules
- Regulations under the PCT
- Trade-marks Regulations

8. Lois, règles et règlements sur la propriété intellectuelle

- Loi sur le droit d'auteur
- Règlement sur le droit d'auteur
- Loi sur les dessins industriels
- Règlement sur les dessins industriels
- Loi sur les topographies de circuits intégrés
- Règlement sur les topographies de circuits intégrés
- Loi d'interprétation
- Loi sur les brevets
- Règles sur les brevets
- Règlement d'exécution du PCT
- Règlement sur les marques de commerce

15. Canadian Applications Open to Public Inspection

The *Canadian Patent Office Record* of August 15, 2017 contains applications open to public inspection from July 30, 2017 to August 5, 2017.

15. Demandes canadiennes mises à la disponibilité du public

La *Gazette du bureau des brevets* du 15 août 2017 contient les demandes disponibles au public pour consultation pour la période du 30 juillet 2017 au 5 août 2017.

Canadian Patents Issued

August 15, 2017

Brevets canadiens délivrés

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[54] **METHOD FOR DIFFERENTIATING BETWEEN IRRITABLE BOWEL SYNDROME AND INFLAMMATORY BOWEL DISEASE USING LACTOFERRIN AS MARKER**
[54] **PROCEDE PERMETTANT DE DIFFERENCIER LE SYNDROME DU COLON IRRITABLE DES AFFECTIONS INTESTINALES INFLAMMATOIRES ET DE CONTROLER LES PERSONNES ATTEINTES PAR CES AFFECTIONS INTESTINALES INFLAMMATOIRES EN UTILISANT LA LACTOFERRINE ENDOGENE COMME MARQUEUR**
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[54] **COMBINATION OF CRP AND D-DIMER FOR IN VITRO DIAGNOSIS OF DEEP VENOUS THROMBOSIS (DVT)**
[54] **COMBINAISON DE CRP ET DE D-DIMERE EN VUR DU DIAGNOSTIC IN VITRO DE THROMBOSE VEINEUSE PROFONDE**
[72] KORTE, WOLFGANG, CH
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[54] **COMPACT, INTEGRATED SYSTEM FOR PROCESSING TEST SAMPLES**
[54] **SYSTEME COMPACT, INTEGRE POUR TRAITER DES ECHANTILLONS TESTS**
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[54] **TRACABILITE DE GRAINES DE PLANTE TRANSGENIQUE DANS UN PROCESSUS AMONT ET AVAL**
[72] ORVAR, BJORN LARUS, IS
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[54] **SYSNTHESE CHIMIQUE GUIDEE PAR ACIDES NUCLEIQUES STRUCTURELS**
[72] HANSEN, NILS JAKOB VEST, DK
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[54] **HANDHELD ELECTRONIC DEVICE INCLUDING VOICE OVER IP QUALITY INDICATOR, AND ASSOCIATED METHOD**
[54] **DISPOSITIF ELECTRONIQUE PORTATIF AVEC INDICATEUR DE QUALITE DE VOIX PAR IP ET PROCEDE ASSOCIE**
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[54] **UTILISATION ET PRODUCTION D'UNE METALLOPROTEASE NEUTRE STABLE AU STOCKAGE**
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[72] LEVINE, RICHARD B., US
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[54] **MUTATED ACVR1 FOR DIAGNOSIS AND TREATMENT OF FIBRODYSPLASIA OSSIFICANS PROGRESSIVA (FOP)**
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[54] **SYSTEME ET METHODE DE THERAPIE PHOTODYNAMIQUE PAR UNE IRRADIATION CONTINUE A FAIBLE DOSE**
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[72] SESSA, EUGENE, US
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[54] **SYSTEMS AND METHODS FOR PROFILED AND FOCUSED SEARCHING OF LITIGATION INFORMATION**
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[54] **PROCEDES DE TRAITEMENT ET DE PREVENTION DU SYNDROME GI ET DE LA REACTION DE GREFFE CONTRE L'HOTE**
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[54] **PROCEDE DE DETERMINATION DE L'ANISOTROPIE ELECTRIQUE DANS UNE FORMATION SOUTERRAINE**
[72] TOMPKINS, MICHAEL JOHN, US
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[54] **FRICTIONAL TRANS-EPITHELIAL TISSUE DISRUPTION AND COLLECTION APPARATUS AND METHOD OF INDUCING AND/OR AUGMENTING AN IMMUNE RESPONSE**
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[54] **SYSTEMES ET PROCEDES DE GESTION DE LA FLOTTABILITE D'UN DIRIGEABLE**
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[54] **RECOLTEUSE AVEC NAVETTE DE DIRECTION A PLATE-FORME DE TULOTEUSE**
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[54] **MEILLEUR PROCEDE SERVANT A SUIVRE LE DEPOT DE MATIERES ORGANIQUES DANS UN PROCEDE DE FABRICATION DE PAPIER**
[72] SHEVCHENKO, SERGEY M., US
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[54] **PROCEDE POUR TRAITER DES DONNEES DE LOCALISATION**
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[72] MIETH, PETER, DE
[72] ATKINSON, IAN MALCOM, GB
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[54] **ANALOGUES D'OLIGORIBONUCLEOTIDES IMMUNOSTIMULANTS CONTENANT DES FRACTIONS OLIGOPHOSPHATES MODIFIEES**
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[54] **METHODE D'EXTRACTION ET DE SEPARATION D'ELEMENTS DE TERRES RARES**
[72] SUGAHARA, HIROTO, JP
[72] SAKAKI, KAZUAKI, JP
[72] MINOWA, TAKEHISA, JP
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[54] **UNE COMBINAISON SYNERGIQUE D'ISOTIANIL ET D'UN COMPOSE INSECTICIDE ACTIF EN VUE DU CONTROLE DE CHAMPIGNONS PHYTOPATHOGENES, DE MICROORGANISMES OU DE RAVAGEURS DES VEGETAUX**
[72] ASSMANN, LUTZ, DE
[72] WACHENDORFF-NEUMANN, ULRIKE, DE
[72] DAHMEN, PETER, DE
[72] HUNGENBERG, HEIKE, DE
[72] THIELERT, WOLFGANG, DE
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[54] **COMPOSITIONS DESEMULSIFIANTES A BASE DE POLYORGANOSILOXANE ET LEURS PROCEDES DE FABRICATION**
[72] SAXENA, ANUBHAV, IN
[72] PHUKAN, MONJIT, IN
[72] U, SENTHILKUMAR, IN
[72] PROCTER, IAN, CH
[72] GONZALEZ, SIGFREDO, US
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[54] **OLIGONUCLEOTIDES A FONCTION PHOSPHODIESTER ET LEURS UTILISATIONS THERAPEUTIQUES**
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[54] **SYSTEME DE PERSONNALISATION ET DE GESTION D'OBJETS**
[72] ROYTMAN, ANATOLY, US
[72] SYMONS, MATTHEW, US
[73] ACCENTURE GLOBAL SERVICES LIMITED, IE
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[54] **PRODUITS DE FUSION RECOMBINANTS A DOMAINE LYTIQUE ET LEURS PROCEDES DE FABRICATION ET D'UTILISATION**
[72] LEUSCHNER, CAROLA, US
[72] ALILA, HECTOR, US
[73] ESPERANCE PHARMACEUTICALS, US
[73] BOARD OF SUPERVISORS OF LOUISIANA STATE UNIVERSITY AND AGRICULTURAL AND MECHANICAL COLLEGE, US
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[72] APPS, WILLIAM P., US
[73] REHRIG PACIFIC COMPANY, US
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[54] **PROCEDES ET DISPOSITIFS POUR PRODUIRE DES BIOMOLECULES**
[72] URTHALER, JOCHEN, DE
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[72] BUCHELI, DANIEL, DE
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[54] **MACROCYCLES PEPTIDOMIMETIQUES THERAPEUTIQUES**
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[72] ANNIS, DAVID ALLEN, US
[72] KAPELLER-LIBERMANN, ROSANA, US
[72] SAWYER, TOMI K., US
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[54] **ENSEMBLE AIGUILLE DE STYLO INJECTEUR DE SECURITE**
[72] RICHARDS, STEPHEN LYNN, US
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[73] BECTON, DICKINSON AND COMPANY, US
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[72] MILLIMAN, KEITH L., US
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[54] **SURGICAL FASTENING APPARATUS**
[54] **DISPOSITIF D'ATTACHE CHIRURGICALE**
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[73] TYCO HEALTHCARE GROUP LP, US
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[54] **SYSTEME D'ECHANGE THERMIQUE POUR UNE SECTION INTERIEURE DE CLIMATISEUR**
[72] WANG, XIONGCHENG, CN
[73] ZHONGSHAN BROAD-OCEAN MOTOR MANUFACTURING CO., LTD., CN
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[54] **SYSTEME ET PROCEDE DE CLASSIFICATION DES LITHOFACIES**
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[54] **WEB PORTAL APPLICATION CUSTOMIZATION METHOD AND SYSTEM USING PROFILES**
[54] **METHODE DE PERSONNALISATION D'APPLICATION A PORTAIL WEB ET SYSTEME FAISANT APPEL A DES PROFILS**
[72] IONFRIDA, NICOLA, IT
[72] CARDINALE, PAOLO, IT
[72] COMIS, CARLO, IT
[73] ACCENTURE GLOBAL SERVICES LIMITED, IE
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[54] **ENSEMBLE DE PERFUSION SEPARABLE AVEC INTERFACE NETTOYABLE ET FIXATION EN LIGNE DROITE**
[72] HOWELL, GLADE, US
[72] HARDING, WESTON, US
[72] PETERSON, BART, US
[72] CINDRICH, CHRISTOPHER, US
[73] BECTON, DICKINSON AND COMPANY, US
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[54] **WATER RESERVOIR OF A DRINK DISPENSER WITH INTEGRATED PUMP**
[54] **RESERVOIR D'EAU D'UN DISTRIBUTEUR DE BOISSON COMPORTANT UNE POMPE INTEGREE**
[72] NOORDANUS, MAXIMILIAAN, NL
[73] BRAVILOR HOLDING B.V., NL
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[54] **DISPOSITIF DE REGULATION SANGUINE D'UN CATHETER INTRAVEINEUX**
[72] HARDING, WESTON F., US
[73] BECTON, DICKINSON AND COMPANY, US
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[54] **PYRROLOPYRIDINES EN TANT QU'INHIBITEURS DE KINASE**
[72] LE HUEROU, YVAN, US
[72] BLAKE, JAMES F., US
[72] GUNWARDANA, INDRANI W., US
[72] MOHR, PETER J., US
[72] WALLACE, ELI M., US
[72] WANG, BIN, US
[72] CHICARELLI, MARK, US
[72] LYON, MICHAEL, IS
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[54] **DISPOSITIF DE MONTAGE ET SYSTEME DE PROTECTION CONTRE LA CHUTE**
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[54] **AMENAGEMENT ET PROCEDE DE DETERMINATION DE LA POSITION D'UNE CABINE D'ASCENSEUR**
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[72] LOUKAS, TOMMI, FI
[72] KANGAS, PETTERI, FI
[73] KONE CORPORATION, FI
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[54] **MEDICAMENT TOPIQUE**
[72] O'GORMAN, PETER, AU
[73] WHIPBIRD PAIN RELIEF PTY LTD., AU
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[54] **BLEED AIR VALVE OF A SURFACE CLEANING APPARATUS**
[54] **SOUPAPE DE PURGE D'AIR D'UN APPAREIL DE NETTOYAGE DES SURFACES**
[72] CONRAD, WAYNE ERNEST, CA
[73] OMACHRON INTELLECTUAL PROPERTY INC., CA
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[25] EN
[54] **PACKAGE IN THE FORM OF A BOTTLE COMPRISING A CUSHIONING MEANS DISPOSED THEREIN**
[54] **EMBALLAGE SOUS FORME DE BOUTEILLE AVEC UN MOYEN AMORTISSEUR DISPOSE A L'INTERIEUR**
[72] KUEHN, TORSTEN, DE
[72] KURTZE, STEPHAN, DE
[72] LUSTENBERGER, STEFAN, DE
[73] BOEHRINGER INGELHEIM INTERNATIONAL GMBH, DE
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[72] GE, JIANPING, US
[73] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
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[72] MEISER, FELIX, AU
[72] NORRET, MARCK, AU
[72] RUSSELL, ADRIAN, AU
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[54] **RAILS DE GUIDAGE INTERNE POUR VELO ELLIPTIQUE ET PROCEDE D'UTILISATION**
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[54] **PROCEDE ET SYSTEME DE PREDICTION DE PROBABILITE DE RENOUVELLEMENT D'ENREGISTREMENT DE NOM DE DOMAINE**
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[72] MAGDA, BRIAN ROY, CA
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[72] LEE, WALTER, US
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[72] YEE, KRISTOPHER, US
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[54] **CAPTEUR SHACK-HARTMANN MUNI D'UN RESEAU DE PETITES LENTILLES AMOVIBLE**
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[72] TARANTO, JOHN, US
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[54] **SYSTEME OPTIQUE AVEC LENTILLE MOBILE POUR LASER DE CHIRURGIE OPHTALMIQUE**
[72] RAKSI, FERENC, US
[72] BUCK, JESSE, US
[73] ALCON LENSX, INC., US
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[25] EN
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[54] **SYSTEME OPTIQUE POUR LASER DE CHIRURGIE OPHTALMIQUE**
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[72] CLEEMANN, FELIX, DE
[72] HERSEL, ULRICH, DE
[72] KADEN-VAGT, SILVIA, DE
[72] LESSMANN, TORBEN, DE
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[54] **HYDROCARBON TREATMENT METHOD AND APPARATUS**
[54] **PROCEDE ET APPAREIL DE TRAITEMENT D'HYDROCARBURES**
[72] RAYBOLD, TROY M., US
[72] DRNEVICH, RAYMOND FRANCIS, US
[72] PAPAVASSILIOU, VASILIS, US
[73] PRAXAIR TECHNOLOGY, INC., US
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[25] EN
[54] **METHOD AND SYSTEM FOR PROVIDING A HYDROCARBON-BASED ENERGY CARRIER USING A PORTION OF RENEWABLY PRODUCED METHANOL AND A PORTION OF METHANOL THAT IS PRODUCED BY MEANS OF DIRECT OXIDATION, PARTIAL OXIDATION, OR REFORMING**
[54] **PROCEDE ET INSTALLATION DE PRODUCTION D'UNE RESSOURCE ENERGETIQUE A BASE D'HYDROCARBURE EN UTILISANT UNE FRACTION DE METHANOL PRODUIT PAR REGENERATION ET UNE FRACTION DE METHANOL QUI EST PRODUIT PAR OXYDATION DIRECTE OU PAR OXYDATION PARTIELLE OU PAR REFORMAGE**
[72] MEYER-PITTROFF, ROLAND, DE
[73] SILICON FIRE AG, CH
[85] 2012-02-02
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[54] **LOW EMISSION POWER GENERATION AND HYDROCARBON RECOVERY SYSTEMS AND METHODS**
[54] **SYSTEMES ET PROCEDES DE GENERATION D'ENERGIE ET DE RECUPERATION D'HYDROCARBURES A FAIBLES EMISSIONS**
[72] RASMUSSEN, CHAD, US
[72] HUNTINGTON, RICHARD A., US
[72] O'DEA, DENNIS, US
[72] MITTRICKER, FRANKLIN F., US
[72] HERSHKOWITZ, FRANK, US
[73] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
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[54] **FORMULATIONS DE SAVON LIQUIDE CONCENTREES AYANT UNE VISCOSITE FACILE A POMPER**
[72] HERMANSON, KEVIN, US
[72] RATUISTE, FLORENCIO VILLANUEVA, US
[72] VETHAMUTHU, MARTIN SWANSON, US
[72] AHTCHI-ALI, BADREDDINE, US
[73] UNILEVER PLC, GB
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[25] EN
[54] **PERFORMANCE MONITORING OF INDIVIDUAL HYDROCYCLONES USING SONAR-BASED SLURRY FLOW MEASUREMENT**
[54] **SURVEILLANCE DE LA PERFORMANCE D'HYDROCYCLONES INDIVIDUELS A L'AIDE D'UNE MESURE D'UN ECOULEMENT DE BOUE BASEE SUR SONAR**
[72] VAN DER SPEK, ALEX M., NL
[72] MARON, ROBERT J., US
[72] ROTHMAN, PAUL JOSEPH, US
[72] O'KEEFE, CHRISTIAN VICTOR, US
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[54] **ELIMINATION DESTRUCTIVE DE PRINCIPES ACTIFS MEDICAUX DANS DES SYSTEMES THERAPEUTIQUES TRANSDERMIQUES**
[72] WIRZ, MARGIT, DE
[72] HILLE, THOMAS, DE
[73] LTS LOHMANN THERAPIE-SYSTEME AG, DE
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[54] **EXHAUST VENT**
[54] **CONDUIT DE SORTIE**
[72] RAMSAY, SERGE, CA
[72] RAMSAY, LINDA, CA
[73] RAMSAY, SERGE, CA
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[54] **CRACK RESISTANT COATING AND METHOD OF APPLYING CRACK RESISTANT COATING**
[54] **REVETEMENT RESISTANT A LA FISSURATION ET PROCEDE D'APPLICATION D'UN REVETEMENT RESISTANT A LA FISSURATION**
[72] EXLINE, MARVIN KELLER, US
[72] WINGO, JON BRETT, US
[72] CUNNINGHAM, JAMES JOSEPH, US
[72] BARNAT, JAMES J., US
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[54] **RAMBARDE DE BALCON AVEC ECRAN ANTI-VENT INTEGRE**
[72] CARLSSON, GORAN, SE
[72] CARLSSON, LENNART, SE
[72] SVENSSON, LINUS, SE
[72] SPENCER, MAUD, SE
[73] SVALSON AB, SE
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[72] HANSEN, CHRISTIAN THAGAARD, DE
[72] ISEPPI, MARIO, CH
[73] HANSEN, CHRISTIAN THAGAARD, DE
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[54] **CHELATOR STABILIZED CATIONIC AMMONIUM COMPOUNDS AND COMPOSITIONS COMPRISING THE SAME**
[54] **COMPOSES D'AMMONIUM CATIONIQUES STABILISES PAR UN CHELATE ET COMPOSITIONS LES COMPRENANT**
[72] AU, VAN, US
[72] MADISON, STEPHEN ALAN, US
[73] UNILEVER PLC, GB
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[54] **SYSTEME ET METHODE DE PLANIFICATION D'ITINERAIRE**
[72] FRANCIS, MATTHEW DAVID, GB
[73] TRAPEZE SOFTWARE INC., CA
[86] (2772725)
[87] (2772725)
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[54] **SYSTEM AND METHOD FOR ITINERARY PLANNING**
[54] **SYSTEME ET METHODE DE PLANIFICATION D'ITINERAIRE**
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[73] TRAPEZE SOFTWARE INC., CA
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[54] **UTILISATION MEDICALE DE LIPOSOMES HYDROLYSABLES PAR SPLA2**
[72] PETERSEN, MORTEN JUST, DK
[72] MELANDER, FREDRIK, SE
[72] VIKBJERG, ANDERS FALK, DK
[72] PETERSEN, SUNE ALLAN, DK
[72] MADSEN, MOGENS WINKEL, DK
[73] BIO-BEDST APS, DK
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[54] **LIPOSOMES DONT LA STABILITE AU STOCKAGE EST AMELIOREE**
[72] MADSEN, MOGENS WINKEL, DK
[72] PETERSEN, SUNE ALLAN, DK
[72] VIKBJERG, ANDERS FALK, DK
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[54] **PRINTING PLASTIC FILMS USING A DIGITAL PRINTER COMPRISING STATIONARY PRINT HEADS FOR PRODUCTION ORDERS WITH SMALL LOT SIZES**
[54] **IMPRESSION DE FEUILLES EN PLASTIQUE PAR UNE IMPRIMANTE NUMERIQUE A TETES D'IMPRESSION FIXES POUR COMMANDES DE PRODUCTION DE PETITS LOTS**
[72] AUMUELLER, HANS JUERGEN, DE
[72] USENER, HEIKO, DE
[72] HELD, LOTHAR, DE
[73] RENOLIT SE, DE
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[54] **UNITE DE GUIDAGE A ECHANGE RAPIDE**
[72] SMITH, LEIF, SE
[73] ST. JUDE MEDICAL COORDINATION CENTER BVBA, BE
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[25] EN
[54] **COMBUSTIBLE GAS SENSORS INCLUDING INTEGRAL SUPPORT STRUCTURES AND COMBUSTIBLE GAS SENSOR WITH MULTIPLE ACTIVE ELEMENTS**
[54] **CAPTEURS DE GAZ COMBUSTIBLE COMPRENANT DES STRUCTURES DE SUPPORT INTEGREES ET CAPTEUR DE GAZ COMBUSTIBLE AUX MULTIPLES ELEMENTS ACTIFS**
[72] ZANELLA, MARK FLORI, US
[73] MSA TECHNOLOGY, LLC, US
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[54] **PREDOMINANTLY BIODEGRADABLE SEPARATING FILM**
[54] **FILM DE SEPARATION ESSENTIELLEMENT BIODEGRADABLE**
[72] SCHUHMANN, MICHAEL, DE
[72] STARK, KURT, DE
[72] SITZMANN, STEFAN, DE
[73] INFIANA GERMANY GMBH & CO. KG, DE
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[54] **METHOD AND DEVICE FOR PROCESSING BROKEN GLASS**
[54] **PROCEDE ET DISPOSITIF DE TRAITEMENT DE ROGNURES DE VERRE**
[72] TROJOSKY, MATHIAS, DE
[72] HESSE, JENS, DE
[73] ALLGAIER WERKE GMBH, DE
[85] 2012-03-21
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[51] **Int.Cl. G01M 3/24 (2006.01) F17D 5/06 (2006.01) G01S 11/14 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR THE CONTINUOUS DETECTION OF IMPACTS ON PIPELINES FOR THE TRANSPORTATION OF FLUIDS, PARTICULARLY SUITABLE FOR UNDERWATER PIPELINES**
[54] **SYSTEME ET PROCEDE DE DETECTION DE CHOCS SUR DES PIPELINES DESTINES AU TRANSPORT DE FLUIDES, PARTICULIEREMENT ADAPTES POUR DES PIPELINES IMMERGES**
[72] DALMAZZONE, MAURO GIANNI, IT
[72] DE LORENZO, GIANPIETRO, IT
[72] GIUNTA, GIUSEPPE, IT
[73] ENI S.P.A., IT
[85] 2012-03-26
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[54] **SORBENT DEVICES AND METHODS OF USING THEM**
[54] **DISPOSITIFS SORBANTS ET PROCEDES D'UTILISATION DE CES DISPOSITIFS**
[72] MAROTTA, LEE, US
[72] SNOW, MILES, CA
[73] PERKINELMER HEALTH SCIENCES, INC., US
[85] 2012-03-28
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[54] **WELL CONTAINMENT SYSTEM**
[54] **SYSTEME D'ISOLATION DE PUITS**
[72] EDWARDS, JEFFREY, GB
[72] MORGAN, MICHAEL, GB
[73] ENOVATE SYSTEMS LIMITED, GB
[85] 2012-03-30
[86] 2010-09-30 (PCT/GB2010/001835)
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[30] GB (0917210.7) 2009-10-01
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[54] **PNEUMATIC TRANSPORT SYSTEM**
[54] **SYSTEME DE TRANSPORT PNEUMATIQUE**
[72] SOERENSEN, PETER MOELLER, DK
[72] BLAK, DANIEL, DK
[73] BLAK & SOERENSEN APS, DK
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[54] **ROLL FORMED STEEL BEAM**
[54] **POUTRE EN ACIER LAMINE**
[72] STRICKLAND, MICHAEL R., CA
[72] FOX, DOUGLAS M., CA
[72] STRICKLAND, RICHARD WILSON, CA
[73] ISPAN SYSTEMS LP, CA
[85] 2012-01-23
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[25] EN
[54] **IMPROVED PORTAFILTER FOR ESPRESSO COFFEE MACHINES**
[54] **PORTE-FILTRE AMELIORE POUR MACHINES A CAFE EXPRESSO**
[72] BAMBI, PIERO, IT
[72] LORENZI, PAOLA, IT
[73] LA MARZOCCO S.R.L., IT
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[54] **METERSOCKET CONNECTOR**
[54] **CONNECTEUR D'EMBASE**
[72] LALANCETTE, DANIEL, CA
[72] CARDIN, DANIEL, CA
[73] THOMAS & BETTS INTERNATIONAL, LLC, US
[86] (2778565)
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[25] EN
[54] **METHOD AND SYSTEM FOR FILTERING IMAGE DATA AND USE THEREOF IN VIRTUAL ENDOSCOPY**
[54] **PROCEDE ET SYSTEME DE FILTRAGE DE DONNEES D'IMAGE ET UTILISATION DE CEUX-CI DANS UNE ENDOSCOPIE VIRTUELLE**
[72] VINCENT, THOMAS BERNARD PASCAL, CA
[72] CHANDELIER, FLORENT ANDRE ROBERT, CA
[73] CADENS IMAGERIE MEDICALE INC. / CADENS MEDICAL IMAGING INC., CA
[85] 2012-04-30
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[87] (WO2011/063493)

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[13] C
[51] **Int.Cl. A61B 17/68 (2006.01)**
[25] EN
[54] **MEDICAL DEVICE, APPARATUS, AND SURGICAL METHOD**
[54] **DISPOSITIF MEDICAL, APPAREIL ET METHODE CHIRURGICALE**
[72] WENGER, ANDREAS, CH
[72] MAYER, JORG, CH
[73] SPINEWELDING AG, CH
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[25] EN
[54] **FORMULATION FOR HGH AND RHIGF-1 COMBINATION**
[54] **PREPARATION POUR COMBINAISON D'HORMONES DE CROISSANCE HUMAINE (HGH) ET DE RHIGF-1**
[72] GOPINATH, ENONA, US
[72] PARK, SUSAN, US
[72] ARAKAWA, TSUTOMU, US
[72] RICHARD, JOEL, FR
[72] FAIS, FABIO, FR
[73] IPSEN PHARMA S.A.S., FR
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[54] **PUSH/PULL ROD**
[54] **LANTERNE DE SERRAGE**
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[72] RICHTER, JENS, CH
[72] LEUENBERGER, SAMUEL, CH
[72] CORNELIUS, CARL PETER, DE
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[54] **HIGH-EFFICIENCY DC BALLAST ARRANGEMENT WITH AUTOMATIC POLARITY PROTECTION AND EMERGENCY BACK-UP FOR LIGHTING FIXTURE IN A SUSPENDED DC-POWERED CEILING SYSTEM**
[54] **SYSTEME DE BALLAST CC DE GRANDE EFFICACITE AVEC PROTECTION DE POLARITE AUTOMATIQUE ET DE SECOURS D'URGENCE POUR APPAREIL D'ECLAIRAGE DANS UN SYSTEME DE PLAFOND SUSPENDU ALIMENTE EN CC**
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[73] NEXTEK POWER SYSTEMS, INC., US
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[54] **MECANISME DE SIEGE AVEC UNE CARACTERISTIQUE D'ENTREE FACILE**
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[72] BERNDTSON, JOHN J., US
[72] MILODROWSKI, DAVID W., US
[73] FISHER & COMPANY, INCORPORATED, US
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[54] **PRESSE A IMPRIMER EN CREUX AVEC CHARIOT MOBILE SUPPORTANT LE ROULEAU COLLECTEUR D'ENCRE**
[72] SCHAEDE, JOHANNES GEORG, DE
[72] SCHWITZKY, VOLKMAR ROLF, DE
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[54] **SYSTEME ET PROCEDES POUR RETIRER DES FLUIDES D'UN PUITS SOUTERRAIN**
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[54] **SYSTEME DE COMMANDE D'AFFAISSEMENT**
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[73] RED LEAF RESOURCES, INC., US
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[54] **AGENCEMENT DE CAPTEUR POUR LA MESURE EN CONTINU D'ANALYTES DANS UN FLUIDE BIOLOGIQUE**
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[72] CARLSSON, ANDERS, SE
[72] JOBST, GERHARD, DE
[73] MAQUET CRITICAL CARE AB, SE
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[54] **PROCEDE ET APPAREIL POUR TRANSMETTRE DES INFORMATIONS DE CONDUITE DE VEHICULE**
[72] SLOOP, CHRISTOPHER DALE, US
[72] MARSHALL, ROBERT S., US
[73] EARTH NETWORKS, INC., US
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[54] **APPARATUS FOR THE PRODUCTION OF YELLOWCAKE FROM A URANIUM PEROXIDE PRECIPITATE**
[54] **APPAREIL PERMETTANT LA FABRICATION D'UN GATEAU JAUNE A PARTIR D'UN PRECIPITE DE PEROXYDE D'URANIUM**
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[73] ADELAIDE CONTROL ENGINEERS PTY LTD, AU
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[54] **EQUIPEMENT POUR LA POSE D'UN IMPLANT**
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[73] SAFE ORTHOPEADICS, FR
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[54] **FORM COMPLETION RATE ENHANCEMENT SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE D'AMELIORATION DU TAUX DE COMPLETION DE FORMULAIRES**
[72] DUNN, CARY, US
[72] SIEGEL, JONATHAN, US
[72] BERNSTEIN, DARYL, US
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[54] **UNITE DE TRAVAIL DOTEE D'UNE MACHINE A ETIQUETER ET D'UNE MACHINE PERMETTANT DE REMPLIR DES RECIPIENTS**
[72] BALLAROTTI, MARIO, IT
[73] P.E. LABELLERS S.P.A., IT
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[54] **IMPROVEMENTS IN AND RELATING TO METHODS AND APPARATUS FOR APPLYING SUBSTANCES TO AN AREA OF INTEREST**
[54] **AMELIORATIONS CONCERNANT DES PROCEDES ET DES APPAREILS PERMETTANT D'APPLIQUER DES SUBSTANCES A UNE ZONE D'INTERET**
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[73] MACKENZIE RESEARCH GROUP LIMITED, NZ
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[54] **ANTICORPS INHIBANT LES METALLOPROTEINES**
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[72] SELA-PASWELL, NETTA, IL
[72] DANON, TAMAR, IL
[72] MARGALIT, RAANAN, IL
[73] YEDA RESEARCH AND DEVELOPMENT CO. LTD., IL
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[54] **DILUANT LIQUIDE COMPRESSIBLE DANS LA POLYMERISATION DE POLYOLEFINES**
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[72] MUTCHLER, JOEL A., US
[73] CHEVRON PHILLIPS CHEMICAL COMPANY LP, US
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[54] **PREPARATION SOLIDE AISEMENT ADMINISTRABLE**
[72] KUDOU, YUMIO, JP
[72] WARABINO, KUNIOMI, JP
[73] MOCHIDA PHARMACEUTICAL CO., LTD., JP
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[54] **LIVRE DE CODES D'INNOVATION COMBINE FLEXIBLE ET EVOLUTIF A UTILISER DANS UN CODEUR ET DECODEUR CELP**
[72] BESSETTE, BRUNO, CA
[73] VOICEAGE CORPORATION, CA
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[54] **BALAI D'ESSUIE-GLACE ET METHODE DE FABRICATION**
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[72] CHAI, LUN, HK
[73] WINPLUS COMPANY LIMITED, HK
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[54] **ANTICORPS MONOCLONAL ANTI-TNF-ALPHA ENTIEREMENT HUMAIN, SON PROCEDE DE PREPARATION ET SON UTILISATION**
[72] GUO, HUAIZU, CN
[72] LI, CHUAN, CN
[72] TONG, XIN, CN
[73] SHANGHAI BIOMABS PHARMACEUTICALS CO., LTD., CN
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[54] **DISPOSITIF DE STABILISATION POUR UNE MACHINE DE TRAVAIL**
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[73] C.M.C. S.R.L. - SOCIETA UNIPERSONALE, IT
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[72] ODELL, ROBERT B., US
[72] WAYMAN, BRIAN H., US
[73] BECTON, DICKINSON AND COMPANY, US
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[54] **ANTENNA PORT MAPPING METHOD AND DEVICE FOR DEMODULATION REFERENCE SIGNALS**
[54] **PROCEDE DE MAPPAGE DE PORTS D'ANTENNE ET DISPOSITIF POUR SIGNAUX DE REFERENCE DE DEMODULATION**
[72] HU, YANG, CN
[72] ASTELY, DAVID, SE
[72] HAMMARWALL, DAVID, SE
[72] JONGREN, GEORGE, SE
[72] SONG, XINGHUA, CN
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[54] **WIRELESS COMMUNICATION SYSTEM, COEXISTENCE MANAGER INSTALLED IN SAID SYSTEM, AND METHOD FOR WIRELESS COMMUNICATION**
[54] **SYSTEME DE COMMUNICATIONS SANS FIL, GESTIONNAIRE DE COEXISTENCE INSTALLE DANS LEDIT SYSTEME ET PROCEDE DE COMMUNICATIONS SANS FIL**
[72] SUN, CHEN, JP
[72] TRAN, HA NGUYEN, JP
[72] DEMESSIE, YOHANNES ALEMSEGED, JP
[72] HARADA, HIROSHI, JP
[73] NATIONAL INSTITUTE OF INFORMATION AND COMMUNICATIONS TECHNOLOGY INCORPORATED ADMINISTRATIVE AGENCY, JP
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[54] **PROCEDE POUR LA VALORISATION D'HYDROCARBURES ET DISPOSITIF DESTINE A ETRE UTILISE DANS CELUI-CI**
[72] LI, LIN, US
[72] HUANG, HUA-MIN, US
[72] HE, ZUNQING, US
[73] CHEVRON U.S.A. INC., US
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[54] **DISPOSITIF DE MOYENS DE SEPARATION DE LA POUSSIERE, MOTEUR ET VENTILATEUR**
[72] SMITH, KEVIN, GB
[73] BLACK & DECKER INC., US
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[54] **A MOTOR, FAN AND CYCLONIC SEPARATION APPARATUS ARRANGEMENT FOR A VACUUM CLEANER**
[54] **UN DISPOSITIF D'APPAREIL DE SEPARATION CYCLONIQUE, MOTEUR ET VENTILATEUR POUR UN ASPIRATEUR**
[72] SMITH, KEVIN, GB
[73] BLACK & DECKER INC., US
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[54] **A VACUUM CLEANER**
[54] **UN ASPIRATEUR**
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[73] BLACK & DECKER INC., US
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[54] **A MOTOR, FAN AND CYCLONIC SEPARATION APPARATUS ARRANGEMENT**
[54] **UN DISPOSITIF D'APPAREIL DE SEPARATION CYCLONIQUE, MOTEUR ET VENTILATEUR**
[72] SMITH, KEVIN, GB
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[54] **IMAGE GATED CAMERA FOR DETECTING OBJECTS IN A MARINE ENVIRONMENT**
[54] **CAMERA D'IMAGES A DECLENCHEMENT PERIODIQUE POUR LA DETECTION D'OBJETS DANS UN ENVIRONNEMENT MARIN**
[72] DAVID, OFER, IL
[72] BARUKH, YEHUDA AKIVA, IL
[72] BENNET, KEREN, IL
[72] SADE, ALON, IL
[73] ELBIT SYSTEMS LTD., IL
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[54] **CONTAINER AND METHOD OF PRODUCING SAME**
[54] **RECIPIENT ET PROCEDE DE FABRICATION DE CE RECIPIENT**
[72] D'AMATO, GIANFRANCO, IT
[73] SEDA S.P.A., IT
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[54] **TOOL MADE OF CUBIC BORON NITRIDE SINTERED BODY**
[54] **OUTIL EN NITRURE DE BORE CUBIQUE FRITTE**
[72] OKAMURA, KATSUMI, JP
[72] SETOYAMA, MAKOTO, JP
[72] KUKINO, SATORU, JP
[73] SUMITOMO ELECTRIC HARDMETAL CORP., JP
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[54] **SMOKING ARTICLE**
[54] **ARTICLE A FUMER**
[72] BLICK, KEVIN, GB
[72] SIMPSON, MIKE, JP
[72] ALLERTON, JAMES, GB
[72] WHITE, DAN, GB
[72] HERBERT, KEITH, GB
[73] BRITISH AMERICAN TABACCO (INVESTMENTS) LIMITED, GB
[73] BRITISH AMERICAN TOBACCO JAPAN, LTD, JP
[85] 2012-09-18
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[72] MASTERSON, LUKE, GB
[72] TIBERGHIEN, ARNAUD, GB
[72] FLYGARE, JOHN A., US
[72] GUNZNER, JANET L., US
[72] POLAKIS, PAUL, US
[72] POLSON, ANDREW, US
[72] RAAB, HELGA E., US
[72] SPENCER, SUSAN D., US
[73] MEDIMMUNE LIMITED, GB
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[54] **SERRURE RESISTANT AUX CHOCS**
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[72] CHRISTOPHERSON, DAVID G., US
[72] CLARK, MICHAEL R., US
[73] SARGENT AND GREENLEAF, INC., US
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[54] **COMPOSITION DE BOISSON NON LAITIERE AMELIOREE**
[72] BRINGE, NEAL ALLAN, US
[72] WAKSMONSKI, JAMES CASEY, US
[73] WHITEWAVE SERVICES, INC., US
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[54] **CONVERTISSEUR HVDC HYBRIDE A DEUX NIVEAUX ET A NIVEAUX MULTIPLES**
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[72] TOMASINI, MATTEO, GB
[72] TRAINER, DAVID, GB
[72] WHITEHOUSE, ROBERT, GB
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[54] **PROCEDE POUR LA PRODUCTION DE MATERIAUX COMPOSITES A BASE DE GEL**
[72] GANE, PATRICK A.C., CH
[72] SCHENKER, MICHEL, CH
[72] SUBRAMANIAN, RAMJEE, FI
[72] SCHOELKOPF, JOACHIM, CH
[73] FIBERLEAN TECHNOLOGIES LIMITED, GB
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[54] **PROCESS FOR THE MANUFACTURE OF STRUCTURED MATERIALS USING NANO-FIBRILLAR CELLULOSE GELS**
[54] **PROCEDE POUR LA FABRICATION DE MATERIAUX STRUCTURES A L'AIDE DE GELS DE CELLULOSE NANOFIBRILLAIRE**
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[72] SCHENKER, MICHEL, CH
[72] SUBRAMANIAN, RAMJEE, FI
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[73] FIBERLEAN TECHNOLOGIES LIMITED, GB
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[54] **COMPOSITIONS PHOTOACTIVABLES DEGAGEANT DE L'OXYGENE ET PROCEDES DE BLANCHIMENT DES DENTS**
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[72] LOUPIS, NIKOLAOS, GR
[73] KLOX TECHNOLOGIES INC., CA
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[54] **MULTI-PHYSICS FUEL ATOMIZER AND METHODS**
[54] **PULVERISEUR MULTI-PHYSIQUE DE CARBURANT ET PROCEDES ASSOCIES**
[72] AMAYA, JOHN, US
[72] CRUFF, LUKE, US
[72] LULL, JOSEPH, US
[72] PRADO, MARCEL, US
[72] VIEAU, BRADLEY J., US
[73] LYTESYDE, LLC, US
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[72] GIBBONS, WAYNE, US
[73] W. L. GORE & ASSOCIATES, INC., US
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[54] **REFUELLING EQUIPMENT AND METHOD FOR REFUELLING AN AIRCRAFT TANK SYSTEM**
[54] **EQUIPEMENT DE RAVITAILLEMENT ET PROCEDE DE RAVITAILLEMENT D'UN SYSTEME DE RESERVOIR D'AERONEF**
[72] TRAVERS, NICOLAS, FR
[72] VEYRAT-MASSON, ANTOINE, FR
[73] ZODIAC AEROTECHNICS, FR
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[72] MINTA, MOSES, US
[73] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
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[72] RASANEN, ERKKI IIKKA SAKARI, FI
[72] ROBERTSEN, LEIF, FI
[72] VUORENPALO, VELI-MATTI, FI
[72] KARPPI, ASKO, FI
[72] PARVIAINEN, KARI, FI
[72] DAHL, OLLI, FI
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[54] **APPAREIL DE RELEVE GEODESIQUE DOTE D'UNE FONCTIONNALITE DE VISEE AUTOMATIQUE DE GRANDE PRECISION DU POINT DE MIRE**
[72] KOTZUR, NORBERT, CH
[72] METZLER, BERNHARD, AT
[73] LEICA GEOSYSTEMS AG, CH
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[54] **CIRCUIT D'ALIMENTATION ELECTRIQUE POUR UN CIRCUIT DE DEGIVRAGE D'UN AERONEF**
[72] BADER, NICOLAS ALAIN, FR
[72] BOUDYAF, RACHID, FR
[72] PATOUILLARD, ALEXIS, FR
[72] PIERRON, SEBASTIEN DANIEL, FR
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[54] **EMBARCATION SEMI-RIGIDE A FLOTTABILITE REGLABLE**
[72] CASSANAS, MARC, ES
[72] DUMONTIER, ERLE, FR
[72] BOUDEAU, LIONEL, FR
[73] ZODIAC MILPRO INTERNATIONAL, FR
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[54] **STRUCTURE DE PAROI SERVANT DE BARRIERE ACOUSTIQUE POUR LES VOIES FERREES ET UTILISATION DE LA STRUCTURE DE PAROI EN TANT QUE BARRIERE ACOUSTIQUE OU BARRIERE D'ACCES**
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[72] AIRAKSINEN, JARMO, FI
[73] SOUNDIM OY, FI
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[54] **DISPOSITIF DE MANIPULATION DE LIQUIDE AUTOMATISE**
[72] BRUTLER, ZOLTAN, US
[72] DOAN, CARL, US
[72] FOURNIER, ERICH, US
[72] KUKKONEN, ARI, FI
[72] LECLERC, SCOTT, US
[72] LYMAN, GEORGE, US
[72] REYNOLDS, COLIN, US
[72] SHERWIN, THOMAS, A., US
[72] KOHANSKI, JONATHAN, US
[72] HOTALING, BRYAN, US
[73] MATRIX TECHNOLOGIES LLC, US
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[54] **RECEPTEUR NUMERIQUE DE DEPART D'UN SYSTEME AUTOMATIQUE DE COMMUNICATION BILATERALE (TWACS) ET PROCEDE ASSOCIE**
[72] RIEKEN, DAVID W., US
[73] ACLARA TECHNOLOGIES LLC, US
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[54] **METHODS AND APPARATUS FOR ASSOCIATING MAPPING FUNCTIONALITY AND INFORMATION IN CONTACT LISTS OF MOBILE COMMUNICATION DEVICES**
[54] **METHODES ET DISPOSITIF PERMETTANT D'ASSOCIER LA FONCTIONNALITE CARTOGRAPHIQUE ET L'INFORMATION DES LISTES DE CONTACTS DE DISPOSITIFS DE COMMUNICATION MOBILE**
[72] DICKE, RONALD ANTHONY, CA
[72] WILSON, NICHOLAS BRYSON, CA
[72] BOUDREAU, JESSE JOSEPH, CA
[73] BLACKBERRY LIMITED, CA
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[54] **IMPROVEMENTS IN OR RELATING TO CLAMPING MEMBERS AND CLAMPING DEVICES**
[54] **AMELIORATIONS APPORTEES A DES ELEMENTS DE SERRAGE ET A DES DISPOSITIFS DE SERRAGE OU S'Y RAPPORTANT**
[72] FERREIRA, ANDRE, GB
[73] GRIPPLE LIMITED, GB
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[54] **SYSTEM AND METHOD FOR AUTHENTICATING A NETWORK GATEWAY**
[54] **SYSTEME ET PROCEDE D'AUTHENTIFICATION D'UNE PASSERELLE RESEAU**
[72] HAYHOW, ROBERT, CA
[72] GLEESON, BRYAN MICHAEL, CA
[73] THE TORONTO DOMINION BANK, CA
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[72] ROWELL, ROGER M., US
[73] TITAN WOOD LIMITED, GB
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[72] YAMAMOTO, MASAYUKI, JP
[73] CREATIVE CO. LTD., JP
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[54] **CARBURANT SOLIDE**
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[72] YAMAMOTO, MASAYUKI, JP
[73] CREATIVE CO. LTD., JP
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[54] **METHOD FOR ADJUSTING THE TRANSMISSION POWER OF THE SIGNALS TRANSFERRED BY AT LEAST ONE HOME BASE STATION**
[54] **PROCEDE D'AJUSTEMENT DE LA PUISSANCE D'EMISSION DES SIGNAUX TRANSFERES PAR AU MOINS UNE STATION DE BASE DOMESTIQUE**
[72] GUILLET, JULIEN, FR
[72] BRUNEL, LOIC, FR
[72] GRESSET, NICOLAS, FR
[73] MITSUBISHI ELECTRIC R&D CENTRE EUROPE B.V., NL
[73] MITSUBISHI ELECTRIC CORPORATION, JP
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[54] **ENSEMBLE DE SUPPORT DE LEVAGE COMPRENANT UN RACCORD DE VERIN A VIS**
[72] HORWATH, WILLIAM ALLEN, US
[72] FAIRBAIRN, THOMAS JOHN, US
[72] SLOTA, EDWIN D., US
[73] WHITING CORPORATION, US
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[54] **METHOD FOR ESTABLISHING A PLURALITY OF MODES OF OPERATION ON A MOBILE DEVICE**
[54] **PROCEDE D'ETABLISSEMENT D'UNE PLURALITE DE MODES DE FONCTIONNEMENT SUR UN DISPOSITIF MOBILE**
[72] BENDER, CHRISTOPHER LYLE, CA
[72] BROWN, MICHAEL KENNETH, CA
[72] BROWN, MICHAEL STEPHEN, CA
[72] LITTLE, HERBERT ANTHONY, CA
[73] BLACKBERRY LIMITED, CA
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[54] **METHOD FOR RECOVERING PHOSPHATE SALTS FROM A LIQUID**
[54] **PROCEDE DE RECUPERATION DES SELS DE PHOSPHATES CONTENUS DANS UN LIQUIDE**
[72] BILBAO, JENNIFER, DE
[72] BRYNIOK, DIETER, DE
[72] EGNER, SIEGFRIED, DE
[72] FRANK, DANIEL, DE
[73] FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
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[54] **ALKOXYLATED FATTY ESTERS AND DERIVATIVES FROM NATURAL OIL METATHESIS**
[54] **ESTERS GRAS ALCOXYLES ET DERIVES A PARTIR DE LA METATHESE D'HUILES NATURELLES**
[72] ALLEN, DAVE, R., US
[72] ALONSO, MARCOS, US
[72] BERNHARDT, RANDAL, J., US
[72] BROWN, AARON, US
[72] BUCHEK, KELLY, US
[72] GANGULY-MINK, SANGEETA, US
[72] HOLLAND, BRIAN, US
[72] MALEC, ANDREW, D., US
[72] MASTERS, RONALD, A., US
[72] MURPHY, DENNIS, S., US
[72] SKELTON, PATTI, US
[72] SOOK, BRIAN, US
[72] WIESTER, MICHAEL, US
[72] WOLFE, PATRICK, SHANE, US
[73] STEPAN COMPANY, US
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[25] EN
[54] **METHODS AND APPARATUS FOR USE IN MAPPING IDENTIFIED VISUAL FEATURES OF VISUAL IMAGES TO LOCATION AREAS**
[54] **PROCEDES ET APPAREIL A UTILISER AUX FINS DU MAPPAGE DES CARACTERISTIQUES VISUELLES DETERMINEES D'IMAGES VISUELLES A DES ZONES DE LOCALISATION**
[72] MEIKE, ROGER CHARLES, US
[72] KATZ, FABIO DARIO, CA
[72] YOUSSEF, ADEL AMIN ABDEL AZIM, US
[73] BLACKBERRY LIMITED, CA
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[25] EN
[54] **AUTOMATED SEARCHING FOR SOLUTIONS TO SUPPORT SELF-DIAGNOSTIC OPERATIONS OF WEB-ENABLED DEVICES**
[54] **RECHERCHE AUTOMATISEE DE SOLUTION POUR PRENDRE EN CHERCHE DES OPERATIONS D'AUTODIAGNOSTIC DE DISPOSITIFS A CAPACITE WEB**
[72] MULE, SACHIN D., IN
[73] SLING MEDIA PVT LTD, IN
[85] 2013-05-16
[86] 2011-11-17 (PCT/IN2011/000799)
[87] (WO2012/066577)
[30] US (12/948,990) 2010-11-18

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[13] C
[51] **Int.Cl. H04W 88/06 (2009.01) H04W 24/02 (2009.01) H04W 84/00 (2009.01) H01Q 9/04 (2006.01)**
[25] EN
[54] **RADIATION PATTERN RECOGNITION SYSTEM AND METHOD FOR A MOBILE COMMUNICATIONS DEVICE**
[54] **SYSTEME ET PROCEDE DE RECONNAISSANCE DE DIAGRAMME DE RAYONNEMENT POUR DISPOSITIF DE COMMUNICATION MOBILE**
[72] KANJ, HOUSSAM, CA
[72] ALI, SHIROOK, CA
[72] GU, HUANHUAN, CA
[73] BLACKBERRY LIMITED, CA
[85] 2013-05-23
[86] 2010-11-26 (PCT/CA2010/001864)
[87] (WO2012/068660)

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[13] C
[51] **Int.Cl. B60N 2/46 (2006.01) A47C 7/54 (2006.01)**
[25] EN
[54] **FULL MEMORY ARMREST ASSEMBLY**
[54] **ENSEMBLE ACCOUDOIR A MEMOIRE COMPLETE**
[72] TAME, OMAR D., US
[72] WEI, XIAO JUN, US
[73] MAGNA SEATING INC., CA
[85] 2013-05-27
[86] 2010-12-07 (PCT/CA2010/001945)
[87] (WO2012/075558)

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[11] **2,820,096**
[13] C
[51] **Int.Cl. G09G 5/10 (2006.01) H04W 88/02 (2009.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR ANTENNA PARAMETER NOTIFICATION**
[54] **PROCEDE ET APPAREIL DE NOTIFICATION DE PARAMETRE D'ANTENNE**
[72] VELUPPILLAI, MAHINTHAN, CA
[72] SANGARY, NAGULA THARMA, CA
[73] BLACKBERRY LIMITED, CA
[86] (2820096)
[87] (2820096)
[22] 2013-06-19
[30] EP (12174989.9) 2012-07-04

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[11] **2,821,212**
[13] C
[51] **Int.Cl. B65D 27/00 (2006.01)**
[25] EN
[54] **COUPON ENVELOPE WITH COUPON**
[54] **ENVELOPPE POUR COUPON AVEC COUPON**
[72] BURTCH, RICHARD, US
[73] BURTCH, RICHARD, US
[86] (2821212)
[87] (2821212)
[22] 2013-07-17
[30] US (61/674,174) 2012-07-20

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[13] C
[51] **Int.Cl. C03C 3/087 (2006.01) C03C 3/085 (2006.01) C03C 4/00 (2006.01) C03C 13/00 (2006.01) C08J 5/08 (2006.01)**
[25] EN
[54] **HIGH STRENGTH GLASS COMPOSITION AND FIBERS**
[54] **COMPOSITION ET FIBRES DE VERRE A RESISTANCE ELEVEE**
[72] HAUSRATH, ROBERT, US
[72] LONGOBARDO, ANTHONY, US
[73] AGY HOLDING CORPORATION, US
[85] 2013-06-18
[86] 2010-12-22 (PCT/US2010/061810)
[87] (WO2012/087313)

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[51] **Int.Cl. B30B 1/32 (2006.01)**
[25] EN
[54] **PRESS AND METHOD FOR PRESSING WORKPIECES**
[54] **PRESSE ET PROCEDE DE PRESSAGE DE PIECES**
[72] BAUERSACHS, LOTHAR, DE
[72] RUGER, HERBERT, DE
[73] LANGENSTEIN & SCHEMANN GMBH, DE
[85] 2013-08-01
[86] 2012-02-02 (PCT/EP2012/051789)
[87] (WO2012/104384)
[30] DE (10 2011 000 473.4) 2011-02-02

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[11] **2,826,326**
[13] C
[51] **Int.Cl. A61C 7/14 (2006.01)**
[25] EN
[54] **A METHOD FOR PRODUCING A PATIENT-SPECIFIC BRACKET BODY AND CORRESPONDING BRACKET BODY**
[54] **PROCEDE DE FABRICATION D'UN CORPS DE BAGUE ORTHODONTIQUE SPECIFIQUE AU PATIENT ET CORPS DE BAGUE AINSI OBTENU**
[72] WIECHMANN, DIRK, DE
[72] VU, HOANG VIET-HA JULIUS, DE
[73] DW LINGUAL SYSTEMS GMBH, DE
[85] 2013-08-01
[86] 2012-02-08 (PCT/EP2012/052143)
[87] (WO2012/116877)
[30] DE (102011003894.9) 2011-02-09

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[13] C
[51] **Int.Cl. G06Q 10/00 (2012.01) G06Q 50/00 (2012.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR CENTRALIZED RESERVATION CONTEXT MANAGEMENT ON MULTI-SERVER RESERVATION SYSTEM**
[54] **PROCEDE ET SYSTEME DE GESTION DE CONTEXTE DE RESERVATION CENTRALISEE SUR UN SYSTEME DE RESERVATION MULTISERVEUR**
[72] MASINI, VINCENT, FR
[72] PAVOT, MARC, FR
[72] FAUSER, DIETMAR, FR
[72] DANIEL, JEROME, FR
[73] AMADEUS S.A.S., FR
[85] 2013-08-14
[86] 2012-01-12 (PCT/EP2012/050419)
[87] (WO2012/123137)
[30] EP (11305277.3) 2011-03-15

[11] **2,827,741**
[13] C
[51] **Int.Cl. H02M 7/02 (2006.01) H02M 5/10 (2006.01)**
[25] EN
[54] **AC/DC POWER CONVERSION SYSTEM AND METHOD OF MANUFACTURE OF SAME**
[54] **SYSTEME DE CONVERSION DE PUISSANCE ALTERNATIF / CONTINU ET PROCEDE POUR SA FABRICATION**
[72] FURMANCZYK, KAZ, US
[72] STEPHENSON, RANDY, US
[73] CRANE ELECTRONICS, INC., US
[85] 2013-08-19
[86] 2012-02-24 (PCT/US2012/026465)
[87] (WO2012/116263)
[30] US (61/464,000) 2011-02-24

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[13] C
[51] **Int.Cl. A24D 3/04 (2006.01)**
[25] EN
[54] **SMOKING ARTICLE AND METHOD OF MANUFACTURING A SMOKING ARTICLE**
[54] **ARTICLE A FUMER ET PROCEDE DE FABRICATION D'UN ARTICLE A FUMER**
[72] KALJURA, KARL, GB
[72] BLICK, KEVIN, GB
[72] SIMPSON, MICHAEL, CN
[72] PATON, DAVID, GB
[73] BRITISH AMERICAN TOBACCO (INVESTMENTS) LIMITED, GB
[73] BRITISH AMERICAN TOBACCO JAPAN, LTD., JP
[85] 2013-08-21
[86] 2012-03-09 (PCT/GB2012/050531)
[87] (WO2012/123723)
[30] GB (1104232.2) 2011-03-14
[30] GB (1114581.0) 2011-08-23

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[13] C
[51] **Int.Cl. H04W 8/20 (2009.01) H04W 4/02 (2009.01) H04W 76/02 (2009.01) H04W 84/18 (2009.01)**
[25] EN
[54] **INTER-DEVICE SESSION CONNECTIVITY ENHANCEMENT**
[54] **AMELIORATION DE LA CONNECTIVITE D'UNE SESSION ENTRE DES DISPOSITIFS**
[72] NOVAK, ROBERT, CA
[72] STEER, DAVID, CA
[72] YU, DONGSHENG, CA
[73] BLACKBERRY LIMITED, CA
[85] 2013-08-22
[86] 2011-02-25 (PCT/IB2011/050828)
[87] (WO2012/114160)

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[13] C
[51] **Int.Cl. F24F 11/047 (2006.01) F04D 27/00 (2006.01) G05D 7/06 (2006.01) H02P 27/08 (2006.01)**
[25] EN
[54] **METHOD FOR CONTROLLING AIR VOLUME**
[54] **PROCEDE DE COMMANDE DE VOLUME D'AIR**
[72] HU, GE, CN
[73] ZHONGSHAN BROAD-OCEAN MOTOR CO., LTD., CN
[86] (2828118)
[87] (2828118)
[22] 2013-09-24
[30] CN (201210453463.4) 2012-11-13

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[13] C
[51] **Int.Cl. H02K 5/04 (2006.01) H02K 1/27 (2006.01) H02K 5/16 (2006.01)**
[25] EN
[54] **DC BRUSHLESS MOTOR WITH EXTERNAL ROTOR**
[54] **MOTEUR A COURANT CONTINU, SANS BALAIS, AVEC ROTOR EXTERNE**
[72] LU, CHUPING, CN
[72] TANG, SONGFA, CN
[72] ZENG, CHONGSHENG, CN
[73] ZHONGSHAN BROAD-OCEAN MOTOR CO., LTD., CN
[86] (2828314)
[87] (2828314)
[22] 2013-09-24
[30] CN (201220569541.2) 2012-10-31

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[13] C
[51] **Int.Cl. G01N 23/20 (2006.01) G01N 21/55 (2014.01) G06N 7/02 (2006.01)**
[25] EN
[54] **INTELLIGENT AIRFOIL COMPONENT GRAIN DEFECT INSPECTION**
[54] **INSPECTION DE DEFAUTS DE GRAINS D'UN ELEMENT A PROFIL AERODYNAMIQUE INTELLIGENT**
[72] KUSH, MATT, US
[72] MA, KONG, US
[72] MORIARTY, ROBERT, US
[73] ROLLS-ROYCE CORPORATION, US
[85] 2013-09-09
[86] 2012-03-09 (PCT/US2012/028493)
[87] (WO2012/122481)
[30] US (61/451,038) 2011-03-09

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[13] C
[51] **Int.Cl. E04B 1/24 (2006.01)**
[25] EN
[54] **STEEL STUD CLIP**
[54] **AGRAFE FILETEE EN ACIER**
[72] DAUDET, LARRY RANDALL, US
[72] LIN, JIN-JIE, US
[72] STAUFFER, TIMOTHY M., US
[72] DING, FRANK X., US
[72] OELLERICH, PAUL HOWARD, US
[72] GOODMAN, CHRISTOPHER S., US
[73] SIMPSON STRONG-TIE COMPANY, INC., US
[85] 2013-09-18
[86] 2012-03-28 (PCT/US2012/030963)
[87] (WO2012/135354)
[30] US (13/073,997) 2011-03-28

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[13] C
[51] **Int.Cl. A61B 17/88 (2006.01) A61B 17/34 (2006.01)**
[25] EN
[54] **CANNULA AND KIT FOR EVALUATION AND PREPARATION OF BONE TISSUE**
[54] **CANULE ET TROUSSE D'EVALUATION ET DE PREPARATION DE TISSU OSSEUX**
[72] WINDOLF, MARKUS, CH
[73] AO TECHNOLOGY AG, CH
[85] 2013-09-23
[86] 2011-04-19 (PCT/CH2011/000086)
[87] (WO2012/142716)

[11] **2,831,785**
[13] C
[51] **Int.Cl. B01D 69/08 (2006.01) B01D 61/14 (2006.01) B01D 63/02 (2006.01) B01D 69/10 (2006.01) D01D 5/24 (2006.01) D01F 1/08 (2006.01)**
[25] EN
[54] **MONOFILAMENT-REINFORCED HOLLOW FIBER MEMBRANE WITH CYLINDRICAL LUMEN**
[54] **MEMBRANE DE FIBRE CREUSE RENFORCEE D'UN MONOFILAMENT DOTEE D'UNE LUMIERE CYLINDRIQUE**
[72] SEO, CHANG-MIN, KR
[72] LEE, GYEONG-MO, KR
[73] LOTTE CHEMICAL CORPORATION, KR
[73] LOTTE ADVANCED MATERIALS CO., LTD., KR
[85] 2013-09-27
[86] 2011-12-22 (PCT/KR2011/009990)
[87] (WO2012/148068)
[30] KR (10-2011-0039181) 2011-04-26
[30] KR (10-2011-0134597) 2011-12-14

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[13] C
[51] **Int.Cl. B01D 69/08 (2006.01) B01D 61/14 (2006.01) B01D 63/02 (2006.01) B01D 69/10 (2006.01) D01D 5/24 (2006.01) D01F 1/08 (2006.01)**
[25] EN
[54] **MONOFILAMENT-REINFORCED HOLLOW FIBER MEMBRANE WITH LOBE-SHAPED LUMEN**
[54] **MEMBRANE DE FIBRE CREUSE RENFORCEE D'UN MONOFILAMENT DOTEE D'UNE LUMIERE EN FORME DE LOBE**
[72] SEO, CHANG MIN, KR
[72] LEE, GYEONG MO, KR
[73] LOTTE CHEMICAL CORPORATION, KR
[85] 2013-09-27
[86] 2012-04-25 (PCT/KR2012/003189)
[87] (WO2012/148168)
[30] KR (10-2011-0039181) 2011-04-26

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[11] **2,834,115**
[13] C
[51] **Int.Cl. E04C 2/284 (2006.01) B05D 5/00 (2006.01)**
[25] EN
[54] **BUILDING BOARD AND METHOD FOR PRODUCING BUILDING BOARD**
[54] **PANNEAU DE CONSTRUCTION ET SON PROCEDE DE FABRICATION**
[72] IMAI, TOSHIO, JP
[72] YAMAMOTO, HIROAKI, JP
[73] NICHIHA CORPORATION, JP
[86] (2834115)
[87] (2834115)
[22] 2013-11-25
[30] JP (JP2013-056833) 2013-03-19

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[11] **2,834,121**
[13] C
[51] **Int.Cl. A01D 87/00 (2006.01) B65G 53/04 (2006.01)**
[25] EN
[54] **EXHAUST DUST COLLECTOR FOR A PARTICULATE LOADER**
[54] **COLLECTEUR DE POUSSIERES D'ECHAPPEMENT POUR UN CHARGEUR DE PARTICULES**
[72] WOODS, KENT GREGORY, CA
[72] PARISIEN, JOSEPH ROBERT, CA
[72] KERR, PAUL, CA
[73] AG GROWTH INDUSTRIES PARTNERSHIP, CA
[86] (2834121)
[87] (2834121)
[22] 2013-11-22

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[11] **2,834,240**
[13] C
[51] **Int.Cl. E02F 9/20 (2006.01) E02F 3/43 (2006.01)**
[25] EN
[54] **CONTROLLING A DIGGING OPERATION OF AN INDUSTRIAL MACHINE**
[54] **COMMANDE D'OPERATION DE CREUSEMENT DE MACHINE INDUSTRIELLE**
[72] COLWELL, JOSEPH, US
[72] POWERS, WILLIAM, US
[72] BURANT, JOHN, US
[73] HARNISCHFEGER TECHNOLOGIES, INC., US
[85] 2013-10-24
[86] 2011-08-31 (PCT/US2011/050024)
[87] (WO2012/148438)
[30] US (61/480,603) 2011-04-29

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[13] C
[51] **Int.Cl. C12N 7/01 (2006.01) A61K 35/766 (2015.01) A61P 35/00 (2006.01) C12N 7/04 (2006.01) C07K 14/145 (2006.01) C12N 15/86 (2006.01)**
[25] EN
[54] **ONCOLYTIC RHABDOVIRUS**
[54] **RHABDOVIRUS ONCOLITIQUE**
[72] BELL, JOHN C., CA
[72] STOJDL, DAVID F., CA
[73] OTTAWA HOSPITAL RESEARCH INSTITUTE, CA
[73] CHILDREN'S HOSPITAL OF EASTERN ONTARIO RESEARCH INSTITUTE INC., CA
[85] 2013-06-04
[86] 2010-12-10 (PCT/IB2010/003396)
[87] (WO2011/070440)
[30] US (61/285,461) 2009-12-10

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[13] C
[51] **Int.Cl. A47L 9/14 (2006.01) A47L 5/14 (2006.01) A47L 5/24 (2006.01)**
[25] EN
[54] **BLOWER VACUUM DEVICE AND ATTACHMENT THEREOF**
[54] **DISPOSITIF ASPIRATEUR/SOUFFLEUR ET ACCESSOIRE DE CELUI-CI**
[72] TATE, CLARE, GB
[73] BLACK & DECKER INC., US
[86] (2836979)
[87] (2836979)
[22] 2013-12-06
[30] EP (13164143.3) 2013-04-17

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[11] **2,837,229**
[13] C
[51] **Int.Cl. B63C 9/20 (2006.01) B63C 9/125 (2006.01)**
[25] EN
[54] **MARKER AND RECOVERY DEVICE**
[54] **DISPOSITIF DE REPERAGE ET DE RECUPERATION**
[72] DARROCH, NEIL, CA
[73] DARROCH, NEIL, CA
[85] 2013-11-25
[86] 2012-06-06 (PCT/CA2012/050382)
[87] (WO2012/167379)
[30] US (61/493,734) 2011-06-06

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[13] C
[51] **Int.Cl. C07K 5/083 (2006.01) A61K 47/68 (2017.01) A61P 35/00 (2006.01) C07K 5/062 (2006.01) C07K 16/00 (2006.01) C07K 16/18 (2006.01) C07K 16/28 (2006.01)**
[25] EN
[54] **DNA MINOR GROOVE BINDING AGENT IMMUNOCONJUGATES, COMPOSITION CONTAINING THEM AND METHODS OF MAKING AND USE**
[54] **IMMUNOCONJUGUES D'AGENT DE LIAISON DE SILLON MINEUR D'ADN, COMPOSITIONS LES CONTENANT ET PROCEDES DE FABRICATION ET D'UTILISATION**
[72] ZHANG, QIAN, US
[72] GANGWAR, SANJEEV, US
[72] PAN, CHIN, US
[72] DERWIN, DANIEL W., US
[73] BRISTOL-MYERS SQUIBB COMPANY, US
[85] 2013-11-25
[86] 2012-05-24 (PCT/US2012/039312)
[87] (WO2012/162482)
[30] US (61/490,117) 2011-05-26

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[13] C
[51] **Int.Cl. H01M 8/04089 (2016.01)**
[25] EN
[54] **FUEL CELL WITH PULSATION OPERATION AND CONTROL**
[54] **PILE A COMBUSTIBLE A FONCTIONNEMENT ET COMMANDE PAR PULSATIONS**
[72] NISHIMURA, HIDETAKA, JP
[72] ICHIKAWA, YASUSHI, JP
[73] NISSAN MOTOR CO., LTD., JP
[85] 2013-11-29
[86] 2012-04-17 (PCT/JP2012/060350)
[87] (WO2012/165073)
[30] JP (2011-124220) 2011-06-02

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[13] C
[51] **Int.Cl. H01J 49/26 (2006.01)**
[25] EN
[54] **ABRIDGED MULTIPOLE STRUCTURE FOR THE TRANSPORT, SELECTION, TRAPPING AND ANALYSIS OF IONS IN A VACUUM SYSTEM**
[54] **STRUCTURE MULTIPOLE SIMPLIFIEE POUR LE TRANSPORT, LA SELECTION, LE PIEGEAGE ET L'ANALYSE D'IONS DANS UN SYSTEME A VIDE**
[72] PARK, MELVIN, US
[73] BRUKER DALTONICS, INC., US
[85] 2013-11-29
[86] 2012-06-02 (PCT/US2012/040621)
[87] (WO2012/167208)
[30] US (13/152,363) 2011-06-03
[30] US (13/177,780) 2011-07-07
[30] US (13/421,310) 2012-03-15

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[13] C
[51] **Int.Cl. A61F 2/46 (2006.01) A61B 17/88 (2006.01)**
[25] EN
[54] **INSTRUMENTS AND DEVICES FOR SUBCHONDRAL JOINT REPAIR**
[54] **INSTRUMENTS ET DISPOSITIFS POUR REPARER UNE ARTICULATION SOUS-CHONDRALE**
[72] SHARKEY, PETER F., US
[72] MANDEEN, CHRISTOPHER D., US
[72] HANSON, SHAUN B., US
[72] CARROLL, JAMIE A., US
[73] ZIMMER KNEE CREATIONS, INC., US
[85] 2013-12-09
[86] 2012-06-08 (PCT/US2012/041534)
[87] (WO2012/170805)
[30] US (61/495,323) 2011-06-09

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[13] C
[51] **Int.Cl. H04L 9/32 (2006.01) H04L 29/06 (2006.01) H04N 21/61 (2011.01)**
[25] EN
[54] **ESTABLISHING A SECURE FILE TRANSFER SESSION FOR SECURE FILE TRANSFER TO A DEMARCATION DEVICE**
[54] **CREATION D'UNE SESSION DE TRANSFERT DE FICHIER SECURISEE EN VUE DU TRANSFERT SECURISE DE FICHIERS A UN DISPOSITIF DE DEMARCATION**
[72] HAJDUCZENIA, MAREK, PT
[73] ZTE PORTUGAL-PROJECTOS DE TELECOMUNICACOES UNIPESSOAL LDA, PT
[85] 2013-12-20
[86] 2012-06-28 (PCT/IB2012/001280)
[87] (WO2013/001347)
[30] US (61/502,281) 2011-06-28

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[11] **2,840,846**
[13] C
[51] **Int.Cl. G06F 17/30 (2006.01)**
[25] EN
[54] **SEARCH INDEX**
[54] **INDEX DE RECHERCHE SEARCH INDEX**
[72] BAIN, SIMON IAN, GB
[73] BUSINESS PARTNERS LIMITED, GB
[85] 2013-12-31
[86] 2012-07-06 (PCT/EP2012/063319)
[87] (WO2013/004833)
[30] GB (1111554.0) 2011-07-06

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[11] **2,843,404**
[13] C
[51] **Int.Cl. H04W 76/04 (2009.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR VOICE CALL SETUP FROM A PCH OR FACH STATE**
[54] **PROCEDE ET SYSTEME POUR ETABLIR UN APPEL VOCAL A PARTIR D'UN ETAT PCH OU FACH**
[72] FARNSWORTH, ANDREW, GB
[72] SINGH, VAIBHAV, GB
[72] ISLAM, MUHAMMAD KHALEDUL, CA
[72] EKICI, OZGUR, CA
[73] BLACKBERRY LIMITED, CA
[85] 2014-01-28
[86] 2012-07-27 (PCT/CA2012/000705)
[87] (WO2013/016802)
[30] US (61/513,383) 2011-07-29

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[13] C
[51] **Int.Cl. B01D 11/04 (2006.01) A61Q 11/00 (2006.01)**
[25] EN
[54] **PROCESS FOR SURFACTANT TASTE AND/OR ODOR IMPROVEMENT**
[54] **PROCEDE D'AMELIORATION DU GOUT ET/OU DE L'ODEUR D'AGENTS TENSIO-ACTIFS**
[72] HOKE, STEVEN HAMILTON, II, US
[72] HAUGHT, JOHN CHRISTIAN, US
[72] HESTER, MARC ALAN, US
[72] CLAIR, BRIAN DAVID, US
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 2014-01-29
[86] 2012-08-02 (PCT/US2012/049332)
[87] (WO2013/019955)
[30] US (61/514,213) 2011-08-02

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[13] C
[51] **Int.Cl. B09B 5/00 (2006.01) H04W 4/00 (2009.01) B65F 5/00 (2006.01) H02J 7/00 (2006.01)**
[25] EN
[54] **ENERGY EFFICIENT REMOTE VOLUMETRIC SENSING, REPORTING AND ANALYSIS SYSTEM**
[54] **SYSTEME DE DETECTION, D'ETABLISSEMENT DE RAPPORTS ET D'ANALYSE VOLUMETRIQUE A DISTANCE ECOENERGETIQUE**
[72] GROPPER, DANIEL R., US
[73] GROPPER, DANIEL R., US
[86] (2843838)
[87] (2843838)
[22] 2014-02-25
[30] US (61/769,446) 2013-02-26
[30] CA (2,808,059) 2013-03-05

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[13] C
[51] **Int.Cl. G04G 13/02 (2006.01) H04W 88/02 (2009.01) G06Q 10/10 (2012.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR PROVIDING AN ALARM NOTIFICATION**
[54] **SYSTEME ET PROCEDE POUR FOURNIR UNE NOTIFICATION D'ALARME**
[72] BENDER, MICHAEL JOHN, CA
[73] BLACKBERRY LIMITED, CA
[86] (2843998)
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[54] **CONTENT DISPLAY SYSTEMS AND METHODS**
[54] **SYSTEMES ET PROCEDES D'AFFICHAGE DE CONTENU**
[72] LENAHAN, MICHAEL, US
[72] MITCHELL, BEN, US
[72] CHUNG, CHAHN, US
[72] YOUNG, LINDA, US
[72] JOHNSON, AMANDA, US
[73] EBAY INC., US
[85] 2014-02-03
[86] 2012-08-03 (PCT/US2012/049620)
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[25] EN
[54] **USER COMMENTARY SYSTEMS AND METHODS**
[54] **SYSTEMES ET PROCEDES POUR LES COMMENTAIRES DES UTILISATEURS**
[72] GLASGOW, DANE, US
[72] ABRAHAM, JACK PHILLIP, US
[72] CONRADT, JONATHAN, US
[72] VOSSELLER, SHANNON B., US
[73] EBAY INC., US
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[25] EN
[54] **CONTINUOUS CASTING APPARATUS FOR STEEL**
[54] **DISPOSITIF DE COULEE CONTINUE POUR ACIER**
[72] TOH, TAKEHIKO, JP
[72] NAKASHIMA, JUNJI, JP
[72] MARUKI, YASUO, JP
[72] YAMASAKI, NORIMASA, JP
[72] TSUNENARI, KEIJI, JP
[72] UMETSU, KENJI, JP
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2014-02-05
[86] 2011-11-09 (PCT/JP2011/075868)
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[25] EN
[54] **HIGH-STRENGTH RECTANGULAR WIRE VENEER TIE AND ANCHORING SYSTEMS UTILIZING THE SAME**
[54] **ATTACHE POUR PAREMENT A FIL RECTANGULAIRE HAUTE RESISTANCE ET SYSTEME D'ANCRAGE LES UTILISANT**
[72] HOHMANN, RONALD P., JR., US
[73] MITEK HOLDINGS, INC., US
[86] (2844946)
[87] (2844946)
[22] 2014-03-06
[30] US (13/796,754) 2013-03-12

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[51] **Int.Cl. G01N 27/84 (2006.01) H01F 13/00 (2006.01)**
[25] EN
[54] **MAGNETIZING APPARATUS FOR MAGNETIC PARTICLE TESTING OF WHEEL**
[54] **DISPOSITIF DE MAGNETISATION DESTINE A L'INSPECTION DE PARTICULES MAGNETIQUES D'UNE ROUE**
[72] MOCHII, TAKASHI, JP
[72] HORI, MICHITAKA, JP
[72] ISHIDA, MUNEO, JP
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2014-03-12
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[25] EN
[54] **APPARATUS FOR THE PRETREATMENT OF THERMOPLASTICS WASTE FOR RECYCLING PURPOSES**
[54] **APPAREIL DE PRETRAITEMENT DE DECHETS THERMOPLASTIQUES DESTINE AU RECYCLAGE**
[72] FEICHTINGER, KLAUS, AT
[72] HACKL, MANFRED, AT
[73] EREMA ENGINEERING RECYCLING MASCHINEN UND ANLAGEN GESELLSCHAFT M.B.H., AT
[85] 2014-04-10
[86] 2012-10-12 (PCT/AT2012/050154)
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[54] **FAN WITH SOUND-INSULATED FAN HOUSING**
[54] **VENTILATEUR POURVU D'UN BOITIER DE VENTILATEUR INSONORISE**
[72] CECCALDI, FRANCOIS, FR
[72] BOTH, REINHOLD, DE
[73] CFT GMBH COMPACT FILTER TECHNIC, DE
[85] 2014-04-10
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[54] **A GASTRORETENTIVE DOSAGE SYSTEM AND PROCESS OF PREPARATION THEREOF**
[54] **SYSTEME DE DOSAGE DE RETENTION GASTRIQUE ET PROCEDE DE PREPARATION DE CELUI-CI**
[72] KUMAR, VARINDER, IN
[72] AHMAD, SHAVEJ, IN
[72] SINGH, ROMI BARAT, IN
[73] SUN PHARMACEUTICAL INDUSTRIES LIMITED, IN
[85] 2014-04-10
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[25] EN
[54] **APPARATUS FOR THE PRETREATMENT AND SUBSEQUENT CONVEYING, PLASTIFICATION, OR AGGLOMERATION OF PLASTICS FOR RECYCLING PURPOSES**
[54] **APPAREIL DE PRETRAITEMENT ET DE TRANSPORT SUBSEQUENT, PLASTIFICATION OU AGGLOMERATION DE MATIERES PLASTIQUES A DES FINS DE RECYCLAGE**
[72] FEICHTINGER, KLAUS, AT
[72] HACKL, MANFRED, AT
[73] EREMA ENGINEERING RECYCLING MASCHINEN UND ANLAGEN GESELLSCHAFT M.B.H., AT
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[54] **CORD ATTACHMENT ASSEMBLY OF A POWER TOOL HAVING A LOAD RELIEVING SYSTEM**
[54] **ENSEMBLE DE FIXATION DE CORDON D'UN OUTIL ELECTRIQUE AYANT UN SYSTEME DE DETENTE DE CHARGE**
[72] HALLENDORFF, JOHAN, SE
[72] THIL, OLA, SE
[73] HUSQVARNA AB, SE
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[54] **SELECTION D'INSTANT D'ACCUSE DE RECEPTION DANS DES COMMUNICATIONS SANS FIL**
[72] HE, HONG, CN
[72] FWU, JONG-KAE, US
[73] INTEL CORPORATION, US
[85] 2014-04-23
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[54] **SEALING DEVICE AND DELIVERY SYSTEM**
[54] **DISPOSITIF D'ETANCHEITE ET SYSTEME D'ADMINISTRATION**
[72] MASTERS, STEVEN J., US
[73] W.L. GORE & ASSOCIATES, INC., US
[85] 2014-04-30
[86] 2012-11-05 (PCT/US2012/063598)
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[25] EN
[54] **HYALURONIC ACID-COLLAGEN MATRICES FOR DERMAL FILLING AND VOLUMIZING APPLICATIONS**
[54] **MATRICES EN ACIDE HYALURONIQUE-COLLAGENE DESTINEES A DES APPLICATIONS DE COMBLEMENT DERMIQUE ET D'AUGMENTATION DE VOLUME**
[72] YU, XIAOJIE, US
[72] MANESIS, NICHOLAS J., US
[72] POLLOCK, JACOB F., US
[73] ALLERGAN, INC., US
[85] 2014-05-05
[86] 2012-11-02 (PCT/US2012/063228)
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[25] EN
[54] **UNIVERSAL CUSTOM AGRICULTURAL FIELD PREPARATION IMPLEMENT**
[54] **ACCESSOIRE DE PREPARATION DE TERRAIN AGRICOLE ADAPTE UNIVERSEL**
[72] KOHN, RICK, US
[72] MARGGI, JEFFREY MARTIN, US
[72] FAESSLER, AARON J., US
[72] MCFARLANE, STANLEY EDMUND, US
[73] MCFARLANE MANUFACTURING CO., INC., US
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[54] **METHODS AND SYSTEMS FOR ACCURACY IMPROVEMENT IN CURRENT COMPARATORS**
[54] **PROCEDES ET SYSTEMES AMELIORANT LA PRECISION DANS LES COMPARATEURS DE COURANT**
[72] EVANS, MARK, CA
[72] PAGE, IAIN, CA
[72] BARCZYK, TOMASZ, CA
[72] MIKOLAJEK, KENNETH, CA
[73] GUILDLINE INSTRUMENTS LIMITED, CA
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[25] EN
[54] **APPARATUSES AND METHODS FOR MANIPULATING CURVED SHEETS**
[54] **APPAREILS ET PROCEDES POUR MANIPULER DES FEUILLES INCURVEES**
[72] ANAST, PETER Z., US
[73] THE BOEING COMPANY, US
[86] (2855658)
[87] (2855658)
[22] 2014-07-02
[30] US (13/965,572) 2013-08-13

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[25] EN
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[54] **CARTOUCHE DE DISTRIBUTION DE FLUIDE REMPLACABLE**
[72] XU, XIAOLAN, SG
[72] WAIN, KEVIN JAMES, GB
[73] THE GILLETTE COMPANY LLC, US
[85] 2014-05-22
[86] 2011-12-09 (PCT/CN2011/083780)
[87] (WO2013/082814)

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[51] **Int.Cl. E04D 13/076 (2006.01)**
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[54] **GUTTER COVER SYSTEM**
[54] **DISPOSITIF DE RECOUVREMENT DE GOUTTIERE**
[72] IANNELLI, ANTHONY M., US
[73] IANNELLI, ANTHONY M., US
[86] (2857011)
[87] (2857011)
[22] 2014-07-17
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[54] **ISOLATED BATTERY MANAGEMENT SYSTEMS AND METHODS THEREOF**
[54] **SYSTEMES DE GESTION DE BATTERIE ISOLES ET PROCEDES DE CEUX-CI**
[72] ZHU, HUIBIN, US
[72] ZHOU, HUA, US
[73] GENERAL ELECTRIC COMPANY, US
[86] (2857244)
[87] (2857244)
[22] 2014-07-18
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[54] **FIBER OPTIC CABLE FOR DISTRIBUTED ACOUSTIC SENSING WITH INCREASED ACOUSTIC SENSITIVITY**
[54] **CABLE A FIBRE OPTIQUE POUR LA DETECTION PAR CAPTEUR ACOUSTIQUE DISTRIBUE A SENSIBILITE ACOUSTIQUE ACCRUE**
[72] TAVERNER, DOMINO, US
[72] GRUNBECK, JOHN J., US
[72] DUNPHY, JAMES R., US
[72] DOWD, EDWARD M., US
[72] KUCZMA, ANDREW S., US
[72] BOSTICK, FRANCIS X,III, US
[72] BAKER, MARK, US
[72] LABELLA, DAVID, US
[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
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[25] EN
[54] **METHOD AND APPARATUS FOR SIMULTANEOUS LOCALIZATION AND MAPPING OF MOBILE ROBOT ENVIRONMENT**
[54] **PROCEDE ET DISPOSITIF DE LOCALISATION ET DE CARTOGRAPHIE SIMULTANEES DE L'ENVIRONNEMENT D'UN ROBOT MOBILE**
[72] SOFMAN, BORIS, US
[72] ERMAKOV, VLADIMIR, US
[72] EMMERICH, MARK, US
[72] MONSON, NATHANIEL DAVID, US
[72] ALEXANDER, STEVE, US
[73] NEATO ROBOTICS, INC., US
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[51] **Int.Cl. A61K 9/22 (2006.01) A61K 31/445 (2006.01) A61P 23/02 (2006.01)**
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[54] **PHARMACEUTICAL COMPOSITIONS COMPRISING A LOCAL ANAESTHETIC SUCH AS BUPIVACAINE FOR LOCAL ADMINISTRATION TO THE MOUTH OR THROAT**
[54] **COMPOSITIONS PHARMACEUTIQUES COMPRENANT UN ANESTHESIANT LOCAL TEL QUE DE LA BUPIVACAINE POUR ADMINISTRATION DANS LA BOUCHE OU LA GORGE**
[72] ANDERSEN, OVE, DK
[72] MOGENSEN, STINE, DK
[72] TRELDAL, CHARLOTTE, DK
[72] MOGENSEN, TORBEN, DK
[72] PULIS, SYLVIA, DK
[73] MOBERG PHARMA AB, SE
[85] 2014-06-23
[86] 2012-04-27 (PCT/EP2012/057864)
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[30] DK (PA201170213) 2011-04-29
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[51] **Int.Cl. E21B 19/22 (2006.01) E21B 15/00 (2006.01)**
[25] EN
[54] **APPARATUS AND METHODS FOR DOWNHOLE TOOL DEPLOYMENT FOR WELL DRILLING AND OTHER WELL OPERATIONS**
[54] **APPAREIL ET METHODES DE DEPLOIEMENT D'OUTIL DE FOND DE PUITS POUR LE FORAGE DE PUITS ET AUTRES OPERATIONS RELATIVES AUX PUITS**
[72] LAYDEN, REGINALD WAYE, CA
[73] RAPTOR RIG COIL, INC., CA
[86] (2860717)
[87] (2860717)
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[54] **ENDOPROSTHESIS HAVING ALIGNED LEGS FOR EASE OF CANNULATION**
[54] **ENDOPROTHESE A JAMBES ALIGNEES FACILITANT UNE CANULATION**
[72] BUCKLEY, KYLE R., US
[72] ESPEN, BENJAMIN L., US
[72] ZUKOWSKI, STANISLAW L., US
[73] W. L. GORE & ASSOCIATES, INC., US
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[25] EN
[54] **HIGH DEFINITION DRILLING RATE OF PENETRATION FOR MARINE DRILLING**
[54] **TAUX DE PENETRATION DE FORAGE DE HAUTE DEFINITION POUR FORAGE MARIN**
[72] MARTIN, TRENTON, US
[73] TRANSOCEAN SEDCO FOREX VENTURES LIMITED, KY
[85] 2014-07-18
[86] 2013-01-17 (PCT/IB2013/000763)
[87] (WO2013/121299)
[30] US (61/589,445) 2012-01-23
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[51] **Int.Cl. F42D 1/22 (2006.01) E21C 37/00 (2006.01)**
[25] EN
[54] **BOOSTER EXPLOSIVE SUPPORT DEVICE**
[54] **DISPOSITIF DE SUPPORT DE BOOSTER EXPLOSIF**
[72] DIAJ, SACHA PHILIP, US
[72] HEINKE, NILS ALBERTO, US
[73] INTERNATIONAL TECHNOLOGIES, LLC, US
[85] 2014-07-22
[86] 2012-12-05 (PCT/IB2012/056986)
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[30] ZA (2012/00644) 2012-01-25

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[25] EN
[54] **TOP**
[54] **POINTE**
[72] CHOI, SHIN-KYU, KR
[73] CHOI, SHIN-KYU, KR
[85] 2014-07-24
[86] 2013-05-07 (PCT/KR2013/003952)
[87] (WO2013/168961)
[30] KR (10-2012-0048635) 2012-05-08
[30] KR (10-2012-0157932) 2012-12-31
[30] KR (10-2013-0003094) 2013-01-10

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[25] EN
[54] **A CONTINUOUS ROTARY DRILLING SYSTEM AND METHOD OF USE**
[54] **SYSTEME DE FORAGE ROTATIF CONTINU ET PROCEDE D'UTILISATION**
[72] ZHOU, SHAOHUA, SA
[73] SAUDI ARABIAN OIL COMPANY, SA
[85] 2014-08-18
[86] 2013-03-01 (PCT/US2013/028623)
[87] (WO2013/130977)
[30] US (61/605,447) 2012-03-01

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[51] **Int.Cl. H04L 29/08 (2006.01) H04W 4/12 (2009.01) H04L 12/58 (2006.01) H04M 1/725 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR TRANSFERRING SPEECH INFORMATION**
[54] **PROCEDE ET SYSTEME DE TRANSFERT D'INFORMATIONS VOCALES**
[72] ZHANG, BIN, CN
[72] GUAN, ZHENAN, CN
[72] LIANG, XING, CN
[72] CHEN, YUEWEI, CN
[72] LIU, LEJUN, CN
[73] TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED, CN
[85] 2014-08-20
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[51] **Int.Cl. C12P 7/40 (2006.01) C12N 1/20 (2006.01)**
[25] EN
[54] **CONTROL OF PHYTOPATHOGENIC MICROORGANISMS WITH PSEUDOMONAS SP. AND SUBSTANCES AND COMPOSITIONS DERIVED THEREFROM**
[54] **REGULATION DE MICRO-ORGANISMES PHYTOPATHOGENES PAR PSEUDOMONAS SP. ET DES SUBSTANCES ET DES COMPOSITIONS OBTENUES A PARTIR DE CELLE-CI**
[72] ASOLKAR, RATNAKAR, US
[72] CORDOVA-KREYLOS, ANA LUCIA, US
[72] TODD, CARLY, US
[73] MARRONE BIO INNOVATIONS, INC., US
[85] 2014-08-21
[86] 2013-02-27 (PCT/US2013/028112)
[87] (WO2013/130680)
[30] US (61/604,507) 2012-02-28
[30] US (61/670,624) 2012-07-30

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[51] **Int.Cl. F24F 11/00 (2006.01) F24D 19/10 (2006.01) F25B 49/02 (2006.01) H02P 27/06 (2006.01) H05B 3/00 (2006.01)**
[25] EN
[54] **AIR CONDITIONER AND CONTROL METHOD OF AIR CONDITIONER**
[54] **CONDITIONNEUR D'AIR ET METHODE DE REGLAGE DU CONDITIONNEUR D'AIR**
[72] ICHIKI, SATORU, JP
[73] MITSUBISHI ELECTRIC CORPORATION, JP
[86] (2865319)
[87] (2865319)
[22] 2014-09-29
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[51] **Int.Cl. B60K 15/00 (2006.01) B60K 15/03 (2006.01) F02M 37/04 (2006.01)**
[25] EN
[54] **FUEL DELIVERY MODULE FOR LOW-PROFILE FUEL TANK**
[54] **MODULE DE LIVRAISON DE CARBURANT POUR RESERVOIR D'ESSENCE A PROFIL BAS**
[72] HSU, CHIA CHING EMILIE, CA
[72] LIU, HAIXIANG, CA
[73] SPECTRA PREMIUM INDUSTRIES INC., CA
[86] (2865441)
[87] (2865441)
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[51] **Int.Cl. C01B 33/18 (2006.01) B82Y 40/00 (2011.01) C01B 33/12 (2006.01)**
[25] EN
[54] **METHOD UTILIZING INDUSTRIAL FLUE GAS FOR REMOVING METAL IONS FROM RICE HULLS**
[54] **PROCEDE D'UTILISATION DE GAZ DE COMBUSTION INDUSTRIEL POUR ELIMINER LES IONS METALLIQUES DE BALLES DE RIZ**
[72] CHEN, YILONG, CN
[72] ZHANG, YANFENG, CN
[72] TAO, LEIMING, CN
[72] LUO, WENXUE, CN
[72] WANG, ZHILONG, CN
[72] LUO, ZHIXIANG, CN
[72] XUE, YONGJIE, CN
[73] SUNSHINE KAIDI NEW ENERGY GROUP CO., LTD., CN
[85] 2014-09-15
[86] 2013-03-05 (PCT/CN2013/072165)
[87] (WO2013/143377)
[30] CN (201210082138.1) 2012-03-26

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[51] **Int.Cl. C01G 49/06 (2006.01) C22B 3/04 (2006.01) C22B 23/00 (2006.01)**
[25] EN
[54] **PRODUCTION METHOD FOR HEMATITE FOR IRONMAKING**
[54] **PROCEDE DE PRODUCTION D'HEMATITE POUR LA PRODUCTION DE FER**
[72] SASAKI, HIDEKI, JP
[72] KAN, YASUMASA, JP
[72] MITSUI, HIROYUKI, JP
[73] SUMITOMO METAL MINING CO., LTD., JP
[85] 2014-09-17
[86] 2013-01-16 (PCT/JP2013/050671)
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[51] **Int.Cl. G06T 11/40 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR DISPLAYING A SIMULATED APPLICATION OF AT LEAST ONE COATING TO A DIGITAL IMAGE**
[54] **PROCEDE ET APPAREIL POUR AFFICHER UNE APPLICATION SIMULEE D'AU MOINS UN REVETEMENT A UNE IMAGE NUMERIQUE**
[72] BEHRENS, PHILLIP J., US
[72] LIPNISKIS, JEFFREY, US
[72] NARASIMHAN, SRINIVAS, US
[72] FICCO, MATHEW A., US
[72] CARUSO, CHRISTOPHER, US
[73] PPG INDUSTRIES OHIO, INC., US
[85] 2014-10-01
[86] 2013-04-02 (PCT/US2013/034912)
[87] (WO2013/151974)
[30] US (13/438,001) 2012-04-03

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[51] **Int.Cl. G06T 17/00 (2006.01) G06T 15/04 (2011.01) G06T 17/20 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR CREATING A THREE-DIMENSIONAL TEXTURE ATLAS**
[54] **SYSTEMES ET PROCEDES DE CREATION D'UN ATLAS DE TEXTURE TRIDIMENSIONNEL**
[72] XU, ZITAO, US
[72] VISWANATHAN, VENKATRAMAN, US
[72] SENFTEN, SCOTT, US
[72] SEMBROSKI, CHARLES, US
[72] SUN, YA, US
[72] COLE, MARY, US
[73] LANDMARK GRAPHICS CORPORATION, US
[85] 2014-10-03
[86] 2012-06-27 (PCT/US2012/044366)
[87] (WO2014/003736)

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[13] C
[51] **Int.Cl. H04N 21/258 (2011.01) H04H 60/33 (2009.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR IMPROVED AUDIENCE MEASURING**
[54] **SYSTEMES ET PROCEDES PERMETTANT UNE MESURE AMELIOREE DE L'AUDIENCE**
[72] BEREZOWSKI, DAVID M., US
[72] ELLIS, MICHAEL D., US
[73] ROVI GUIDES, INC., US
[86] (2870324)
[87] (2870324)
[22] 2001-03-30
[62] 2,403,388
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[51] **Int.Cl. G06F 9/50 (2006.01)**
[25] EN
[54] **RESERVOIR SIMULATION WITH SCALABLE GRID COMPUTING**
[54] **SIMULATION DE RESERVOIR PAR CALCUL DE RESEAU ECHELONNABLE**
[72] AL-SHAIKH, RAED ABDULLAH, SA
[72] HAYDER, M. EHTESHAM, SA
[72] BADDOURAH, MAJDI A., SA
[72] AL-SAADOON, OMAR A., SA
[73] SAUDI ARABIAN OIL COMPANY, SA
[85] 2014-10-14
[86] 2013-05-07 (PCT/US2013/039826)
[87] (WO2013/180907)
[30] US (61/653,501) 2012-05-31

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[51] **Int.Cl. A61M 1/12 (2006.01) H02J 50/12 (2016.01) A61F 2/48 (2006.01)**
[25] EN
[54] **TET SYSTEM FOR IMPLANTED MEDICAL DEVICE**
[54] **SYSTEME TET POUR DISPOSITIF MEDICAL IMPLANTE**
[72] YOMTOV, BARRY, US
[72] BATTY, JOHN ROBERT, US
[73] HEARTWARE, INC., US
[86] (2870934)
[87] (2870934)
[22] 2009-09-10
[62] 2,734,775
[30] US (61/191,595) 2008-09-10

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[51] **Int.Cl. F24C 3/04 (2006.01) A47J 37/07 (2006.01) F24C 1/14 (2006.01) F24C 15/14 (2006.01) F24C 15/16 (2006.01)**
[25] EN
[54] **FLAME RESISTANT COOKING GRATE AND COOKING APPARATUS**
[54] **GRILLE DE CUISSON RESISTANT AUX FLAMMES ET APPAREIL DE CUISSON**
[72] AHMED, MALLIK, US
[73] W.C. BRADLEY CO., US
[85] 2014-10-23
[86] 2013-05-14 (PCT/US2013/040985)
[87] (WO2013/173362)
[30] US (61/646,983) 2012-05-15

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[51] **Int.Cl. E21B 43/24 (2006.01) E21B 43/14 (2006.01)**
[25] EN
[54] **WASTE HEAT RECOVERY FROM DEPLETED RESERVOIR**
[54] **RECUPERATION DE CHALEUR PERDUE A PARTIR D'UN RESERVOIR EPUISE**
[72] BILOZIR, MARK, CA
[72] CANAS, CHRISTIAN, CA
[72] PEREZ DAMAS, CARLOS EMILIO, CA
[72] SOOD, ARUN, CA
[73] CENOVUS ENERGY INC., CA
[86] (2871569)
[87] (2871569)
[22] 2014-11-18
[30] US (61/907,969) 2013-11-22

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[51] **Int.Cl. G01L 19/06 (2006.01) F16L 23/02 (2006.01) G01F 1/34 (2006.01)**
[25] EN
[54] **PROCESS FLUID FLOW TRANSMITTER WITH FINNED COPLANAR PROCESS FLUID FLANGE**
[54] **TRANSMETTEUR D'ECOULEMENT DE FLUIDE DE TRAITEMENT A BRIDE DE FLUIDE DE TRAITEMENT COPLANAIRE A AILETTES**
[72] VERHAAGEN, DONALD R., US
[72] WINTERS, DAVE, US
[72] HARBAUGH, STEVE, US
[73] DIETERICH STANDARD, INC., US
[85] 2014-10-24
[86] 2013-06-03 (PCT/US2013/043845)
[87] (WO2013/184554)
[30] US (61/656,235) 2012-06-06
[30] US (13/837,743) 2013-03-15

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[51] **Int.Cl. B65G 15/52 (2006.01) F16G 3/08 (2006.01)**
[25] EN
[54] **CONVEYOR BELT WITH COMPOSITE LINK**
[54] **BANDE TRANSPORTEUSE COMPRENANT UN MAILLON COMPOSITE**
[72] NEELY, DARROLL JOSEPH, US
[73] ASHWORTH BROS., INC., US
[85] 2014-10-27
[86] 2013-05-14 (PCT/US2013/040838)
[87] (WO2013/173263)
[30] US (13/472,096) 2012-05-15

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[13] C
[51] **Int.Cl. B23K 37/04 (2006.01) B23K 31/02 (2006.01) B23K 37/053 (2006.01)**
[25] EN
[54] **PIPE FABRICATION APPARATUS WITH A BED AND A SUPPORT HAVING A BACKING PLATE**
[54] **APPAREIL DE FABRICATION DE TUYAU COMPORTANT UN BANC ET UN SUPPORT AYANT UNE PLAQUE D'APPUI**
[72] CONDELL, CYRIL, IE
[73] CONDELL ENGINEERING LIMITED, IE
[85] 2014-10-28
[86] 2013-04-26 (PCT/EP2013/058723)
[87] (WO2013/164264)
[30] IE (S2012/0215) 2012-04-30
[30] IE (S2012/0529) 2012-12-11

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[25] EN
[54] **BIOSYNTHETICALLY GENERATED PYRROLINE-CARBOXY-LYSINE AND SITE SPECIFIC PROTEIN MODIFICATIONS VIA CHEMICAL DERIVATIZATION OF PYRROLINE-CARBOXY-LYSINE AND PYRROLYSINE RESIDUES**
[54] **PYRROLINE-CARBOXY-LYSINE PRODUITE PAR BIOSYNTHESE ET MODIFICATIONS DE PROTEINES SPECIFIQUES DE SITE OBTENUES PAR UNE DERIVATISATION CHIMIQUE DE PYRROLINE-CARBOXY-LYSINE ET DE RESIDUS DE PYRROLYSINE**
[72] GEIERSTANGER, BERNHARD, US
[72] OU, WEIJIA, US
[72] CELLITTI, SUSAN E., US
[72] UNO, TETSUO, US
[72] CROSSGROVE, TIFFANY, US
[72] CHIU, HSIEN-PO, US
[72] GRUNEWALD, JAN, US
[72] HAO, XUESHI, US
[73] NOVARTIS AG, CH
[86] (2871855)
[87] (2871855)
[22] 2009-10-23
[62] 2,742,043
[30] US (61/108,434) 2008-10-24

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[13] C
[51] **Int.Cl. C09K 8/588 (2006.01) B01D 19/04 (2006.01)**
[25] EN
[54] **FORMULATIONS OF ALKYL ACRYLATE HOMOPOLYMERS USED AS ANTIFOAMING AGENTS IN HEAVY AND SUPER-HEAVY CRUDE OILS**
[54] **FORMULATIONS D'HOMOPOLYMERES D'ACRYLATE D'ALKYLE EMPLOYEES COMME AGENTS ANTIMOUSSANTS POUR LES HUILES BRUTES LOURDES ET SUPER LOURDES**
[72] CEVADA MAYA, ENRIQUE, MX
[72] CASTRO SOTELO, LAURA VERONICA, MX
[72] HERNANDEZ CARBAJAL, EDGAR IVAN, MX
[72] LOPEZ ORTEGA, ALFONSO, MX
[72] ESTRADA BUENDIA, ARISTEO, MX
[72] ALVAREZ RAMIREZ, FERNANDO, MX
[72] ESTRADA MARTINEZ, ARQUIMEDES, MX
[72] VAZQUEZ MORENO, FLAVIO SALVADOR, MX
[72] FLORES SANDOVAL, CESAR ANDRES, MX
[73] INSTITUTO MEXICANO DEL PETROLEO, MX
[86] (2872382)
[87] (2872382)
[22] 2014-11-26
[30] MX (MX/A/2013/014352) 2013-12-06

[11] **2,872,515**
[13] C
[51] **Int.Cl. B21J 13/02 (2006.01) B21J 5/02 (2006.01) B21J 9/02 (2006.01) B23Q 11/10 (2006.01)**
[25] EN
[54] **HOT STAMPING DIE APPARATUS**
[54] **MATRICE D'ESTAMPAGE A CHAUD**
[72] HORTON, FRANK A., US
[72] SHULKIN, BORIS, US
[72] HASTILOW, BRADFORD L., US
[72] METZ, JIM, US
[72] JUDKINS, JAMES R., US
[72] HANSEN, MONTY, US
[72] KOTAGIRI, SEETARAMA S., US
[72] JANSSEN, ANDREAS G., US
[73] MAGNA INTERNATIONAL INC., CA
[86] (2872515)
[87] (2872515)
[22] 2007-07-12
[62] 2,656,854
[30] US (60/831,339) 2006-07-17

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[13] C
[51] **Int.Cl. C08L 23/10 (2006.01) C08F 255/02 (2006.01) C08L 23/12 (2006.01) C08L 23/14 (2006.01)**
[25] EN
[54] **FOAM PRODUCED FROM POLYPROPYLENE WITH LOW GEL CONTENT**
[54] **MOUSSE OBTENUE A PARTIR D'UN POLYPROPYLENE A FAIBLE TENEUR EN GEL**
[72] PROKSCHI, HERMANN, AT
[72] BRAUN, HERMANN, AT
[73] BOREALIS AG, AT
[85] 2014-11-05
[86] 2013-07-19 (PCT/EP2013/065262)
[87] (WO2014/016205)
[30] EP (12177879.9) 2012-07-25

[11] **2,873,680**
[13] C
[51] **Int.Cl. H04N 7/15 (2006.01)**
[25] EN
[54] **TRANSMISSION MANAGEMENT SYSTEM, TRANSMISSION SYSTEM, AND TRANSMISSION MANAGEMENT SYSTEM PROGRAM**
[54] **SYSTEME DE GESTION DE TRANSMISSIONS, SYSTEME DE TRANSMISSION ET PROGRAMME DESTINE AU SYSTEME DE GESTION DE TRANSMISSIONS**
[72] UMEHARA, NAOKI, JP
[73] RICOH COMPANY, LIMITED, JP
[85] 2014-11-13
[86] 2013-05-20 (PCT/JP2013/064547)
[87] (WO2013/172483)
[30] JP (2012-114612) 2012-05-18

[11] **2,874,154**
[13] C
[51] **Int.Cl. G01B 3/10 (2006.01)**
[25] EN
[54] **CARPENTER'S TAPE MEASURE HAVING FUNCTION INDICIA**
[54] **RUBAN A MESURER DE MENUISIER COMPORTANT DES INDICES DE FONCTION**
[72] FRENCH, WILLIS M., US
[72] FRENCH, DON G., US
[73] FWD TOOLS, LLC, US
[86] (2874154)
[87] (2874154)
[22] 2014-12-11
[30] US (14/133,181) 2013-12-18

[11] **2,874,802**
[13] C
[51] **Int.Cl. B61F 5/00 (2006.01)**
[25] EN
[54] **RAIL VEHICLE UNIT**
[54] **UNITE DE VEHICULE FERROVIAIRE**
[72] WOLF, ANDREAS, CH
[72] WUSCHING, MICHAEL, DE
[72] ZANUTTI, CEDRIC, BE
[73] BOMBARDIER TRANSPORTATION GMBH, DE
[85] 2014-11-26
[86] 2013-05-29 (PCT/EP2013/061134)
[87] (WO2013/178718)
[30] EP (12170114.8) 2012-05-30

[11] **2,875,340**
[13] C
[51] **Int.Cl. A61N 1/40 (2006.01) A61N 1/378 (2006.01)**
[25] EN
[54] **SELF-ADHESIVE TET COIL HOLDER WITH ALIGNMENT FEATURE**
[54] **SUPPORT AUTOADHESIF DE BOBINE DE TRANSMISSION D'ENERGIE TRANSCUTANEE (TET) AYANT UNE CARACTERISTIQUE D'ALIGNEMENT**
[72] CAMERON, ALLAN, US
[72] PAGE, CHRISTOPHER J., US
[73] HEARTWARE, INC., US
[85] 2014-12-01
[86] 2013-06-11 (PCT/US2013/045174)
[87] (WO2013/188400)
[30] US (61/658,178) 2012-06-11

[11] **2,875,903**
[13] C
[51] **Int.Cl. B29C 41/04 (2006.01) B01D 11/04 (2006.01)**
[25] EN
[54] **METHOD OF MANUFACTURING A SEPARATION FENCE AND SEPARATION FENCE**
[54] **PROCEDE DE FABRICATION D'UN ELEMENT DE SEPARATION, ET ELEMENT DE SEPARATION**
[72] SAARIO, RAMI, FI
[72] FREDRIKSSON, HENRI, FI
[73] OUTOTEC (FINLAND) OY, FI
[85] 2014-12-05
[86] 2013-06-12 (PCT/FI2013/050636)
[87] (WO2014/001618)
[30] FI (20125716) 2012-06-26

[11] **2,876,643**
[13] C
[51] **Int.Cl. A01C 7/04 (2006.01)**
[25] EN
[54] **DISTRIBUTING UNIT FOR GRANULAR MATERIAL, IN PARTICULAR A SEEDING UNIT**
[54] **ENSEMBLE DE DISTRIBUTION DE PRODUIT EN GRAINS, EN PARTICULIER ENSEMBLE SEMOIR**
[72] HORSCH, THOMAS, DE
[73] HORSCH MASCHINEN GMBH, DE
[85] 2014-12-12
[86] 2013-06-10 (PCT/EP2013/061896)
[87] (WO2013/186161)
[30] DE (10 2012 105 081.3) 2012-06-12

[11] **2,877,650**
[13] C
[51] **Int.Cl. C01F 7/20 (2006.01) C22B 21/00 (2006.01) C22B 3/10 (2006.01) C22B 3/44 (2006.01)**
[25] EN
[54] **ALUMINA PRODUCTION METHOD**
[54] **PROCEDE DE PRODUCTION D'ALUMINE**
[72] SENYUTA, ALEKSANDR SERGEEVICH, RU
[72] PANOV, ANDREY VLADIMIROVICH, RU
[73] OBSHCHESTVO S OGRANICHENNOY OTVETSTVENNOST'YU "OBEDINENNAYA KOMPANIYA RUSAL INZHENERNO-TEKHNOLOGICHESKIY TSENTR", RU
[85] 2014-12-22
[86] 2012-07-20 (PCT/RU2012/000592)
[87] (WO2014/014379)

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[51] **Int.Cl. A47J 31/46 (2006.01)**
[25] EN
[54] **BEVERAGE PREPARATION MACHINES**
[54] **MACHINES DE PREPARATION DE BOISSON**
[72] HANSEN, NICHOLAS, GB
[72] NORTON, MARK, GB
[73] KONINKLIJKE DOUWE EGBERTS B.V., NL
[85] 2015-01-13
[86] 2013-07-18 (PCT/IB2013/001661)
[87] (WO2014/027235)
[30] GB (1214433.3) 2012-08-13

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[13] C
[51] **Int.Cl. E05B 63/00 (2006.01)**
[25] EN
[54] **CAM STYLE LOCKS AND SYSTEMS AND METHODS INCLUDING THE SAME**
[54] **VERROUS DE STYLE CAME ET SYSTEMES ET METHODES INCLUANT LESDITS VERROUS**
[72] GOSLING, GEOFF, CA
[72] SMED, MOGENS F., CA
[72] BROWN, THOMAS A., CA
[73] DIRTT ENVIRONMENTAL SOLUTIONS, LTD., CA
[86] (2879585)
[87] (2879585)
[22] 2012-07-05
[62] 2,796,522
[30] US (61/551,055) 2011-10-25

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[51] **Int.Cl. B01J 19/24 (2006.01) B01F 3/08 (2006.01) B01F 5/00 (2006.01) B01F 5/10 (2006.01) C01G 53/00 (2006.01)**
[25] EN
[54] **CONTINUOUS PROCESSING DEVICE**
[54] **PROCESSEUR CONTINU**
[72] DOYA, YO, JP
[72] GOTO, HIDENORI, JP
[73] TSUKISHIMA KIKAI CO., LTD., JP
[85] 2015-02-10
[86] 2013-02-25 (PCT/JP2013/054740)
[87] (WO2014/034158)
[30] JP (2012-187292) 2012-08-28

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[13] C
[51] **Int.Cl. B01J 37/26 (2006.01) B01J 27/12 (2006.01) C08F 10/00 (2006.01)**
[25] EN
[54] **VAPOR PHASE PREPARATION OF FLUORIDED SOLID OXIDES**
[54] **PREPARATION EN PHASE VAPEUR D'OXYDES SOLIDES FLUORES**
[72] MCDANIEL, MAX P., US
[72] COLLINS, KATHY S., US
[72] YANG, QING, US
[72] CRAIN, TONY R., US
[73] CHEVRON PHILLIPS CHEMICAL COMPANY LP, US
[85] 2015-02-20
[86] 2013-08-26 (PCT/US2013/056606)
[87] (WO2014/035875)
[30] US (13/594,906) 2012-08-27

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[51] **Int.Cl. F16K 31/40 (2006.01) F16K 21/04 (2006.01) F16K 31/128 (2006.01) F16K 31/385 (2006.01) F16K 37/00 (2006.01)**
[25] EN
[54] **DIAPHRAGM VALVE WITH ELECTRONIC PRESSURE DETECTION**
[54] **ROBINET A DIAPHRAGME A DETECTEUR DE PRESSION ELECTRONIQUE**
[72] BUSH, SHAWN D., US
[73] SDB IP HOLDINGS, LLC, US
[86] (2883044)
[87] (2883044)
[22] 2005-10-07
[62] 2,815,550
[30] US (61/617,264) 2004-10-08

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[51] **Int.Cl. H04W 16/14 (2009.01) H04W 28/16 (2009.01)**
[25] EN
[54] **SYSTEM AND METHOD OF AUTONOMOUS DYNAMIC WIRELESS SPECTRUM ASSIGNMENT**
[54] **SYSTEME ET METHODE D'ATTRIBUTION DE SPECTRE SANS FIL DYNAMIQUE AUTONOME**
[72] ALSOHAILY, AHMED, CA
[72] SOUSA, ELVINO SILVEIRA MEDINA DE, CA
[73] ALSOHAILY, AHMED, CA
[73] SOUSA, ELVINO SILVEIRA MEDINA DE, CA
[86] (2883733)
[87] (2883733)
[22] 2015-03-03

[11] **2,884,061**
[13] C
[51] **Int.Cl. H04L 12/751 (2013.01) H04W 40/00 (2009.01) H04W 48/16 (2009.01) H04L 12/717 (2013.01) H04L 12/723 (2013.01) H04L 12/26 (2006.01) H04L 12/28 (2006.01) H04L 29/14 (2006.01)**
[25] EN
[54] **UTILIZING MULTIPLE MESH NETWORK GATEWAYS IN A SHARED ACCESS NETWORK**
[54] **UTILISATION DE PASSERELLES DE RESEAUX MAILLES MULTIPLES DANS UN RESEAU A ACCES PARTAGE**
[72] JETCHEVA, JORGETA, US
[72] KANODIA, SACHIN, US
[72] REPAKULA, MURALI, US
[72] KAILAS, SIVAKUMAR, US
[73] FIRETIDE, INC., US
[86] (2884061)
[87] (2884061)
[22] 2006-07-26
[62] 2,616,757
[30] US (60/704,528) 2005-07-30
[30] US (60/708,131) 2005-08-13
[30] US (60/709,738) 2005-08-19
[30] US (60/806,519) 2006-07-03

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[13] C
[51] **Int.Cl. A62C 35/68 (2006.01)**
[25] EN
[54] **CONCEALED SPRINKLER**
[54] **ARROSEUR INVISIBLE**
[72] ABELS, BERNHARD, US
[72] SILVA, MANUEL R., JR., US
[72] CHAVEZ, MARCELO J., US
[73] TYCO FIRE PRODUCTS LP, US
[86] (2884358)
[87] (2884358)
[22] 2007-11-28
[62] 2,669,743
[30] US (60/861,239) 2006-11-28

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[13] C
[51] **Int.Cl. E21B 17/042 (2006.01) E21B 19/16 (2006.01)**
[25] EN
[54] **DRILLS STRING COMPONENTS HAVING MULTIPLE-THREAD JOINTS**
[54] **COMPOSANTS DE TRAIN DE TIGES DE FORAGE PRESENTANT DES JOINTS A FILETAGES MULTIPLES**
[72] DRENTH, CHRISTOPHER, L., US
[73] BLY IP INC., US
[85] 2015-03-11
[86] 2013-09-13 (PCT/US2013/059716)
[87] (WO2014/043505)
[30] US (61/700,401) 2012-09-13

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[13] C
[51] **Int.Cl. A24F 47/00 (2006.01)**
[25] EN
[54] **AN IMPROVED ATOMIZING ELECTRONIC CIGARETTE**
[54] **CIGARETTE ELECTRONIQUE A PULVERISATION AMELIOREE**
[72] HON, LIK, HK
[73] FONTEM HOLDINGS 1 B.V., NL
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[87] (2884987)
[22] 2010-01-28
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[25] EN
[54] **VIDEO PREDICTION ENCODING AND DECODING DEVICE AND METHOD USING INTRA-PREDICTION DIRECTION INFORMATION AND KEY REFERENCE SAMPLES TO GENERATE INTERPOLATED REFERENCE SAMPLES**
[54] **DISPOSITIF DE CODAGE ET DE DECODAGE DE PREDICTION VIDEO ET METHODE EMPLOYANT L'INFORMATION DE DIRECTION INTRA PREDICTION ET DES ECHANTILLONS DE REFERENCE CLES POUR GENERER DES ECHANTILLONS DE REFERENCE INTERPOLES**
[72] SUZUKI, YOSHINORI, JP
[72] BOON, CHOONG SENG, JP
[72] TAN, THIOW KENG, JP
[73] NTT DOCOMO, INC., JP
[85] 2015-03-23
[86] 2013-06-17 (PCT/JP2013/066616)
[87] (WO2014/045651)
[30] JP (2012-209626) 2012-09-24

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[51] **Int.Cl. E05C 17/02 (2006.01)**
[25] EN
[54] **WINDOW OPENING CONTROL DEVICE FOR HORIZONTAL AND VERTICAL SLIDING WINDOWS**
[54] **DISPOSITIF DE COMMANDE D'OUVERTURE DE FENETRE POUR FENETRES COULISSANTES HORIZONTALES OU VERTICALES**
[72] CURTIS, DANIEL JON, US
[72] SOPKOWIAK, JOHN JOSEPH, US
[73] MARVIN LUMBER AND CEDAR COMPANY, D/B/A MARVIN WINDOWS AND DOORS, US
[86] (2886226)
[87] (2886226)
[22] 2015-03-26
[30] US (61/967,837) 2014-03-27

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[13] C
[51] **Int.Cl. B29C 70/52 (2006.01) B29D 99/00 (2010.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR PRODUCING A ROTOR-BLADE SPAR CAP**
[54] **SYSTEME ET PROCEDE POUR PRODUIRE UNE SEMELLE DE LONGERON POUR PALE DE ROTOR**
[72] EYB, ENNO, DE
[72] BENDEL, URS, DE
[72] ZELLER, LENZ SIMON, DE
[73] SENVION SE, DE
[85] 2015-03-31
[86] 2013-10-07 (PCT/EP2013/003007)
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[30] DE (10 2012 219 224.7) 2012-10-22

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[51] **Int.Cl. C09C 1/02 (2006.01)**
[25] EN
[54] **PROCESS OF CONTROLLED CHEMICAL REACTION OF A SOLID FILLER MATERIAL SURFACE AND ADDITIVES TO PRODUCE A SURFACE TREATED FILLER MATERIAL PRODUCT**
[54] **PROCEDE DE REACTION CHIMIQUE CONTROLEE D'UNE SURFACE DE MATIERE DE CHARGE SOLIDE ET ADDITIFS POUR PRODUIRE UN PRODUIT DE MATIERE DE CHARGE A SURFACE TRAITEE**
[72] RENTSCH, SAMUEL, CH
[72] BURI, MATTHIAS, CH
[72] BLUM, RENE VINZENZ, CH
[72] BRUNNER, MARTIN, CH
[72] GANE, PATRICK A. C., CH
[73] OMYA INTERNATIONAL AG, CH
[85] 2015-03-30
[86] 2013-10-10 (PCT/EP2013/071185)
[87] (WO2014/060286)
[30] EP (12188739.2) 2012-10-16
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[51] **Int.Cl. C07C 231/06 (2006.01) C07C 213/08 (2006.01) C07C 231/02 (2006.01) C07C 231/12 (2006.01) C07C 237/44 (2006.01) C07C 253/14 (2006.01) C07C 253/30 (2006.01)**
[25] EN
[54] **PROCESSES FOR THE SYNTHESIS OF 2-AMINO-4,6-DIMETHOXYBENZAMIDE AND OTHER BENZAMIDE COMPOUNDS**
[54] **PROCEDES DE SYNTHESE DE 2-AMINO-4,6-DIMETHOXYBENZAMIDE ET D'AUTRES COMPOSES DE BENZAMIDE**
[72] THAKKAR, AMIT, US
[72] ZEILER, ANDREW G., US
[72] SKUFCA, ANTHONY F., US
[72] SPRINGER, JAMES J., US
[72] ASSINK, BRYCE K., US
[72] LOZANOV, MARIO E., US
[73] ALBEMARLE CORPORATION, US
[85] 2015-04-01
[86] 2013-10-09 (PCT/US2013/063995)
[87] (WO2014/062428)
[30] US (61/713,688) 2012-10-15
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[51] **Int.Cl. E02F 9/08 (2006.01) B62D 25/12 (2006.01)**
[25] EN
[54] **HOOD OPENING AND CLOSING DEVICE FOR ZERO TAIL TYPE CONSTRUCTION MACHINERY**
[54] **DISPOSITIF D'OUVERTURE ET DE FERMETURE DE CAPOT POUR ENGIN DE CONSTRUCTION SANS DEPORT ARRIERE**
[72] KIM, SEOK-WON, KR
[72] LEE, TAEK-WOO, KR
[73] VOLVO CONSTRUCTION EQUIPMENT AB, SE
[85] 2015-04-10
[86] 2012-10-25 (PCT/KR2012/008802)
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[51] **Int.Cl. G01F 1/66 (2006.01) G01F 15/00 (2006.01)**
[25] EN
[54] **ULTRASONIC FLOW METERING SYSTEM WITH AN UPSTREAM PRESSURE TRANSDUCER**
[54] **SYSTEME DE MESURE D'ECOULEMENT ULTRASONORE AYANT UN TRANSDUCTEUR DE PRESSION AMONT**
[72] RAMSAY, LAWSON HAMILTON, GB
[73] DANIEL MEASUREMENT AND CONTROL, INC., US
[85] 2015-04-16
[86] 2013-10-18 (PCT/US2013/065587)
[87] (WO2014/063004)
[30] US (61/716,164) 2012-10-19
[30] US (13/928,670) 2013-06-27

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[51] **Int.Cl. C07D 401/04 (2006.01) A61K 31/4155 (2006.01) A61K 31/454 (2006.01) A61P 29/00 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **BRUTON'S TYROSINE KINASE INHIBITORS**
[54] **INHIBITEURS DE LA TYROSINE KINASE DE BRUTON**
[72] SPRINGER, JOHN ROBERT, US
[72] DEVADAS, BALEKUDRU, US
[72] GARLAND, DANNY JAMES, US
[72] GRAPPERHAUS, MARGARET LANAHAN, US
[72] HAN, SEUNGIL, US
[72] HOCKERMAN, SUSAN LANDIS, US
[72] HUGHES, ROBERT OWEN, US
[72] SAIAH, EDDINE, US
[72] SCHNUTE, MARK EDWARD, US
[72] SELNESS, SHAUN RAJ, US
[72] WALKER, DANIEL PATRICK, US
[72] WAN, ZHAO-KUI, US
[72] XING, LI, US
[72] ZAPF, CHRISTOPH WOLFGANG, US
[72] SCHMIDT, MICHELLE ANN, US
[73] PFIZER INC., US
[85] 2015-04-17
[86] 2013-11-01 (PCT/IB2013/059846)
[87] (WO2014/068527)
[30] US (61/721,920) 2012-11-02
[30] US (61/772,028) 2013-03-04

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[51] **Int.Cl. B60N 2/48 (2006.01) A47C 7/38 (2006.01) B60N 2/20 (2006.01) B60N 2/36 (2006.01)**
[25] EN
[54] **DOUBLE-FOLDING-TYPE AUTOMOTIVE SEAT WITH HEADREST**
[54] **SIEGE D'AUTOMOBILE A DOUBLE PLIAGE AYANT UN APPUI-TETE**
[72] IGARASHI, TOSHIKI, JP
[73] TACHI-S CO., LTD., JP
[85] 2015-04-23
[86] 2013-10-22 (PCT/JP2013/078559)
[87] (WO2014/065272)
[30] JP (2012-235298) 2012-10-25

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[13] C
[51] **Int.Cl. H04N 21/236 (2011.01) H04N 21/434 (2011.01)**
[25] EN
[54] **SIGNAL TRANSCEIVING APPARATUS AND SIGNAL TRANSCEIVING METHOD**
[54] **APPAREIL D'EMISSION-RECEPTION DE SIGNAUX ET PROCEDE D'EMISSION-RECEPTION DE SIGNAUX**
[72] HWANG, SOOJIN, KR
[72] SUH, JONGYEUL, KR
[73] LG ELECTRONCS INC., KR
[85] 2015-04-27
[86] 2013-11-26 (PCT/KR2013/010772)
[87] (WO2014/084564)
[30] US (61/730,464) 2012-11-27

[11] 2,890,508
[13] C
[51] **Int.Cl. H04N 21/2662 (2011.01) H04N 21/6373 (2011.01)**
[25] EN
[54] **APPARATUS FOR TRANSRECEIVING SIGNALS AND METHOD FOR TRANSRECEIVING SIGNALS**
[54] **APPAREIL D'EMISSION-RECEPTION DE SIGNAUX ET PROCEDE D'EMISSION-RECEPTION DE SIGNAUX**
[72] HWANG, SOOJIN, KR
[72] SUH, JONGYEUL, KR
[73] LG ELECTRONICS INC., KR
[85] 2015-05-05
[86] 2013-11-11 (PCT/KR2013/010198)
[87] (WO2014/073927)
[30] US (61/725,472) 2012-11-12

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[13] C
[51] **Int.Cl. F17C 5/06 (2006.01)**
[25] EN
[54] **DISPENSER FOR COMPRESSED NATURAL GAS (CNG) FILLING STATION**
[54] **DISTRIBUTEUR POUR UNE STATION-SERVICE DE GAZ NATUREL COMPRIME (CNG)**
[72] MOSES, RANDY, US
[72] ROBINSON, KENT W., US
[73] WAYNE FUELING SYSTEMS LLC, US
[85] 2015-05-12
[86] 2013-11-11 (PCT/US2013/069369)
[87] (WO2014/074968)
[30] US (61/725,366) 2012-11-12
[30] US (13/939,820) 2013-07-11

[11] 2,891,550
[13] C
[51] **Int.Cl. H02P 25/16 (2006.01) H02P 23/00 (2016.01)**
[25] EN
[54] **DIVIDED PHASE AC SYNCHRONOUS MOTOR CONTROLLER**
[54] **CONTROLEUR DE MOTEUR SYNCHRONE A COURANT ALTERNATIF (CA) A PHASES DIVISEES**
[72] FLYNN, CHARLES J., US
[72] TRACY, COOPER N., US
[73] QM POWER, INC., US
[85] 2015-05-14
[86] 2013-11-14 (PCT/US2013/070208)
[87] (WO2014/078607)
[30] US (61/726,550) 2012-11-14

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[51] **Int.Cl. G06T 9/00 (2006.01) H04N 19/14 (2014.01) H04N 19/159 (2014.01) H04N 19/176 (2014.01) H04N 19/593 (2014.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR ENCODING AND DECODING IMAGE THROUGH INTRA PREDICTION**
[54] **PROCEDE ET APPAREIL POUR CODER ET DECODER UNE IMAGE PAR INTRA-PREDICTION**
[72] MIN, JUNG-HYE, KR
[72] LEE, SUN-IL, KR
[72] HAN, WOO-JIN, KR
[73] SAMSUNG ELECTRONICS CO., LTD., KR
[86] (2891777)
[87] (2891777)
[22] 2011-07-15
[62] 2,805,230
[30] US (61/364,986) 2010-07-16
[30] KR (10-2010-0097424) 2010-10-06

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[13] C
[51] **Int.Cl. A61J 1/20 (2006.01) A61M 5/178 (2006.01) A61M 5/32 (2006.01)**
[25] EN
[54] **CONNECTOR FOR FLUID COMMUNICATION**
[54] **RACCORD POUR COMMUNICATION FLUIDIQUE**
[72] SJOGREN, JESPER, SE
[72] ULLMAN, FREDERIK, SE
[73] BECTON DICKINSON AND COMPANY LTD., IE
[85] 2015-05-22
[86] 2013-11-29 (PCT/EP2013/075071)
[87] (WO2014/083149)
[30] US (61/731,929) 2012-11-30

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[13] C
[51] **Int.Cl. H04B 10/572 (2013.01) H04B 10/272 (2013.01)**
[25] EN
[54] **OPTICAL SPECTRAL-TEMPORAL CONNECTOR**
[54] **CONNECTEUR TEMPOREL SPECTRAL OPTIQUE**
[72] BESHAI, MAGED E., CA
[73] BESHAI, MAGED E., CA
[86] (2894748)
[87] (2894748)
[22] 2015-06-17
[30] US (14741476) 2015-06-17

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[13] C
[51] **Int.Cl. G11C 16/10 (2006.01)**
[25] EN
[54] **METHOD FOR WRITING DATA INTO FLASH MEMORY APPARATUS, FLASH MEMORY APPARATUS, AND STORAGE SYSTEM**
[54] **PROCEDE POUR ECRIRE DES DONNEES DANS UN APPAREIL A MEMOIRE FLASH, APPAREIL A MEMOIRE FLASH ET SYSTEME DE STOCKAGE**
[72] ZHANG, CHENYI, CN
[72] LIN, CHUNGONG, CN
[72] WEI, MINGCHANG, CN
[73] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2015-07-03
[86] 2014-06-27 (PCT/CN2014/080998)
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[51] **Int.Cl. F03D 7/02 (2006.01) F03D 9/25 (2016.01) F03D 80/00 (2016.01)**
[25] EN
[54] **METHOD FOR ADJUSTING THE AZIMUTH OF A WIND POWER PLANT, AZIMUTH ADJUSTMENT SYSTEM AND WIND POWER PLANT**
[54] **PROCEDE DE REGLAGE AZIMUTAL D'UNE EOLIENNE, SYSTEME DE REGLAGE AZIMUTAL ET EOLIENNE**
[72] HANSEN, MARCO, DE
[73] SENVION SE, DE
[85] 2015-06-30
[86] 2014-01-21 (PCT/EP2014/000150)
[87] (WO2014/114445)
[30] DE (10 2013 201 162.8) 2013-01-24

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[51] **Int.Cl. H04W 80/02 (2009.01) H04L 29/08 (2006.01)**
[25] EN
[54] **CHANNEL ARRANGEMENT METHOD AND RADIO COMMUNICATION BASE STATION DEVICE**
[54] **PROCEDE D'AGENCEMENT DE CANAL ET DISPOSITIF D'UNE STATION DE BASE DE RADIOCOMMUNICATION**
[72] NISHIO, AKIHIKO, JP
[72] WENGERTER, CHRISTIAN, DE
[72] SUZUKI, HIDETOSHI, JP
[72] FUKUOKA, MASARU, JP
[73] PANASONIC CORPORATION, JP
[86] (2897380)
[87] (2897380)
[22] 2008-06-18
[62] 2,680,856
[30] JP (2007-161958) 2007-06-19
[30] JP (2007-211545) 2007-08-14
[30] JP (2008-056561) 2008-03-06

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[51] **Int.Cl. B64D 13/00 (2006.01) F24F 7/06 (2006.01)**
[25] EN
[54] **SPLIT VENTILATION SYSTEM**
[54] **MECANISME DE VENTILATION DIVISE**
[72] NG, CASEY Y. K., US
[72] LAVOY, GREGG G., US
[73] THE BOEING COMPANY, US
[86] (2897387)
[87] (2897387)
[22] 2015-07-14
[30] US (14/457,178) 2014-08-12

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[51] **Int.Cl. C10J 3/82 (2006.01) C10B 3/00 (2006.01) F23G 5/027 (2006.01) F23G 5/26 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR GASIFYING FEEDSTOCK**
[54] **PROCEDE ET DISPOSITIF POUR GAZEIFIER UNE CHARGE D'ALIMENTATION**
[72] POTGIETER, DEON JOHN, US
[72] HOPPER, BILLY FREEMAN, US
[72] BROWN, JEFFREY SCOTT, US
[72] LOFTIN, MARK OLIVER, US
[73] PHG ENERGY, LLC, US
[85] 2015-07-23
[86] 2013-01-29 (PCT/US2013/023606)
[87] (WO2014/116267)
[30] US (13/751,983) 2013-01-28
[30] US (13/752,021) 2013-01-28

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[51] **Int.Cl. H04L 1/00 (2006.01) H03M 13/29 (2006.01)**
[25] EN
[54] **IMPAIRED CARRIER CODING**
[54] **CODAGE DE PORTEUSE ALTEREE**
[72] FLOWERS, DALE R., US
[73] RAYTHEON APPLIED SIGNAL TECHNOLOGY, INC., US
[85] 2015-07-30
[86] 2014-03-06 (PCT/US2014/021429)
[87] (WO2014/138491)
[30] US (13/791,496) 2013-03-08

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[13] C
[51] **Int.Cl. F16D 13/46 (2006.01)**
[25] EN
[54] **MULTIPLATE CLUTCH**
[54] **EMBRAYAGE MULTIPLATEAU**
[72] NAKANO, KENICHI, JP
[73] HONDA MOTOR CO., LTD., JP
[86] (2899933)
[87] (2899933)
[22] 2015-08-10
[30] JP (2014-195041) 2014-09-25

[11] **2,901,240**
[13] C
[51] **Int.Cl. F02P 3/04 (2006.01) F02P 3/02 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR ELASTIC BREAKDOWN IGNITION VIA MULTIPOLE HIGH FREQUENCY DISCHARGE**
[54] **SYSTEME ET PROCEDE POUR ALLUMAGE DISRUPTIF ELASTIQUE PAR LE BIAIS D'UNE DECHARGE HAUTE FREQUENCE MULTIPOLAIRE**
[72] ZHENG, MING, CA
[72] YU, SHUI, CA
[73] ZHENG, MING, CA
[86] (2901240)
[87] (2901240)
[22] 2015-08-18
[30] US (62/171,410) 2015-06-05

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[13] C
[51] **Int.Cl. A01D 34/73 (2006.01)**
[25] EN
[54] **REPLACEABLE MOWER BLADE AND ASSEMBLY**
[54] **LAME DE TONDEUSE REMPLACABLE ET ENSEMBLE**
[72] EAVENSON, JIMMY N., SR., US
[72] SCHAEDLER, AXEL, US
[72] HEIN, DAVE, US
[72] JIRA, ROBERT L., JR., US
[73] MTD PRODUCTS INC, US
[85] 2015-08-13
[86] 2014-02-14 (PCT/US2014/016436)
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[30] US (13/766,824) 2013-02-14

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[13] C
[51] **Int.Cl. G06F 11/36 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR PRODUCING REGULATORY-COMPLIANT SOFTWARE**
[54] **PROCEDE ET APPAREIL POUR PRODUIRE UN LOGICIEL CONFORME A LA REGLEMENTATION**
[72] WONG, ISAAC, US
[72] HEWER, ANTHONY, GB
[72] PETITBON, JOHNLOUIS, US
[72] DE VRIES, GLEN, US
[73] MEDIDATA SOLUTIONS, INC., US
[85] 2015-08-19
[86] 2014-02-27 (PCT/US2014/018993)
[87] (WO2014/134294)
[30] US (13/781,970) 2013-03-01

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[13] C
[51] **Int.Cl. A61L 24/00 (2006.01) A61K 9/14 (2006.01) A61K 31/665 (2006.01) A61K 47/32 (2006.01) A61L 24/04 (2006.01) A61P 31/04 (2006.01) A61L 27/54 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING AN ANTIBIOTIC POLYMETHYLMETHACRYLATE BONE CEMENT POWDER, AND AN ANTIBIOTIC POLYMETHYLMETHACRYLATE BONE CEMENT POWDER**
[54] **METHODE DE PRODUCTION D'UNE POUDRE DE CIMENT OSSEUX POLYMETHYLMETHACRYLATE ANTIBIOTIQUE ET UNE POUDRE DE CIMENT OSSEUX POLYMETHYLMETHACRYLATE**
[72] VOGT, SEBASTIAN, DE
[73] HERAEUS MEDICAL GMBH, DE
[86] (2902354)
[87] (2902354)
[22] 2015-08-28
[30] DE (10 2014 218 913.6) 2014-09-19

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[13] C
[51] **Int.Cl. E03C 1/23 (2006.01)**
[25] EN
[54] **DRAIN ASSEMBLY FOR INDUSTRIAL SINK**
[54] **DISPOSITIF DE DRAIN DESTINE A UN EVIER INDUSTRIEL**
[72] TIDWELL, SAM M., US
[73] ATLANTA KITCHEN EQUIPMENT, INC., US
[86] (2905113)
[87] (2905113)
[22] 2015-09-22
[30] US (14/673,331) 2015-03-30

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[13] C
[51] **Int.Cl. A61B 90/11 (2016.01) A61B 34/20 (2016.01) A61B 90/50 (2016.01) A61B 17/34 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR USING GUIDE CLAMP FOR PORT BASED PROCEDURE**
[54] **SYSTEME ET PROCEDE POUR UTILISER UNE PINCE DE GUIDAGE POUR UNE INTERVENTION BASEE SUR UN ORIFICE**
[72] PIRON, CAMERON, CA
[72] WOOD, MICHAEL, CA
[72] SELA, GAL, CA
[72] RICHMOND, JOSHUA, CA
[72] YUWARAJ, MURUGATHAS, CA
[72] MCFAYDEN, STEPHEN, CA
[73] SYNAPTIVE MEDICAL (BARBADOS) INC., BB
[85] 2015-09-11
[86] 2014-03-14 (PCT/CA2014/050257)
[87] (WO2014/139010)
[30] US (61/801,530) 2013-03-15
[30] US (61/818,280) 2013-05-01

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[13] C
[51] **Int.Cl. F16H 1/46 (2006.01)**
[25] EN
[54] **WINDOW COVERING MOTORIZED LIFT AND CONTROL SYSTEM GEAR TRAIN**
[54] **TRAIN D'ENGRENAGES DE SYSTEME D'ELEVATION ET DE COMMANDE MOTORISEE DE REVETEMENT DE FENETRE**
[72] GRAYBAR, MICHAEL, US
[73] SPRINGS WINDOW FASHIONS, LLC, US
[85] 2015-09-15
[86] 2014-03-14 (PCT/US2014/027330)
[87] (WO2014/152427)
[30] US (61/792,226) 2013-03-15

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[13] C
[51] **Int.Cl. A61B 3/00 (2006.01) A61B 3/10 (2006.01) A61B 3/107 (2006.01) A61B 3/113 (2006.01)**
[25] EN
[54] **APPARATUS FOR OPTICAL COHERENCE TOMOGRAPHY OF AN EYE AND METHOD FOR OPTICAL COHERENCE TOMOGRAPHY OF AN EYE**
[54] **APPAREIL ET PROCEDE POUR TOMOGRAPHIE D'UN ŒIL PAR COHERENCE OPTIQUE**
[72] WISWEH, HENNING, DE
[73] WAVELIGHT GMBH, DE
[85] 2015-09-15
[86] 2013-05-29 (PCT/EP2013/061061)
[87] (WO2014/191031)

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[13] C
[51] **Int.Cl. E05B 55/00 (2006.01) E05B 61/00 (2006.01)**
[25] EN
[54] **MULTIPLE POINT DOOR LOCKING SYSTEM, WITH HANDLE TURNING DIRECTION CONTROL**
[54] **SYSTEME DE VERROUILLAGE DE PORTE MULTIPOINT, A COMMANDE DE SENS DE ROTATION DE POIGNEE**
[72] UYEDA, ALAN K., US
[73] HANCHETT ENTRY SYSTEMS, INC., US
[86] (2907137)
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[54] **PROCEDE DE PRODUCTION D'UN POLYMERE COMPOSITE CONTENANT UNE PLUS GRANDE QUANTITE DE CHARGE**
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[72] LEONHARDT, JURGEN, CH
[72] SPEHN, JURGEN, CH
[72] MICHEL, EDUARD, DE
[73] OMYA INTERNATIONAL AG, CH
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[72] GREENING, DOUG CHRISTIAN, CA
[73] TESCO CORPORATION, US
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[54] **MECANISME DE COMMANDE POUR VEHICULE HYBRIDE**
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[72] IWASE, YUJI, JP
[72] SUZUKI, YOSUKE, JP
[72] MURAKAMI, AKIRA, JP
[72] NISHIMINE, AKIKO, JP
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[54] **COMPOSITE ELASTOMERE CHARGE ET PROCEDE DE REGULATION DE LA TAILLE DE GRANULES DU COMPOSITE**
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[72] MOWRY, SHAWN W., US
[72] STEPHENS, LUKE P., US
[72] RODGERS, MICHAEL B., US
[72] CHEN, YUAN-JU, US
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[54] **PHOTOMULTIPLICATEUR AU SILICIUM COMPORTANT UNE TRES FAIBLE DIAPHONIE OPTIQUE ET UNE LECTURE AMELIOREE**
[72] MIRZOYAN, RAZMIK, DE
[72] TESHIMA, MASAHIRO, DE
[72] POPOVA, ELENA, RU
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[54] **NANOCAPSULE D'EMULSION DOUBLE CONJUGUEE A UN ANTICORPS ET SES PROCEDES DE PREPARATION**
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[54] **REVETEMENT DE FIBRE OPTIQUE PREVENANT L'ADHESION AUX TEMPERATURES ELEVEES**
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[72] GRUNBECK, JOHN J., US
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[54] **METHODE DE FABRICATION DE PRODUIT PLEIN ET DE PRODUIT DE MOULAGE AU MOYEN DE LIANT INORGANIQUE**
[72] PARK, JEONG WOOK, KR
[72] KIM, WOO CHUN, KR
[72] KWON, KI MYOUNG, KR
[72] LEE, MAN SIG, KR
[72] KIM, MYUNG HWAN, KR
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[73] DR AXION CO., LTD., KR
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[54] **ENTRAINEMENT DE LANCE ROTATIVE ET PROCEDE D'INJECTION PAR LANCE ROTATIVE**
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[72] EPPS, LARRY J., US
[72] ROMEO, NICHOLAS S., US
[73] ESM GROUP INC., US
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[73] NIPPON SODA CO., LTD., JP
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[54] **SYSTEME POUR TROUVER RAPIDEMENT LE LIEU OU SE TROUVENT DES AMIS**
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[54] **SILANES A SUBSTITION NITRILE ET COMPOSITIONS ELECTROLYTIQUES ET DISPOSITIFS ELECTROCHIMIQUES LES CONTENANT**
[72] PENA HUESO, JOSE ADRIAN, US
[72] OSMALOV, DAVID, US
[72] DONG, JIAN, US
[72] USREY, MONICA, US
[72] POLLINA, MICHAEL, US
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[54] **SYSTEME ET METHODES DE VERROUILLAGE SUR DE MODULE DE COMMANDE D'OPERATEUR DE MACHINES TELECOMMANDEES**
[72] JOVENALL, JEREMY, US
[72] BROUSSEAU, ANDRE, US
[73] LAIRD TECHNOLOGIES, INC., US
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[54] **PROCEDE DE COMMANDE DE PUISSANCE D'EMISSION EN LIAISON MONTANTE DANS UN RESEAU DE COMMUNICATION**
[72] JOKINEN, HARRI, FI
[72] RIDDINGTON, EDDIE, GB
[73] NOKIA SOLUTIONS AND NETWORKS OY, FI
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[54] **SYSTEME DE MULTIPLES REACTEURS ET PROCESSUS POUR FERMENTATION GAZEUSE CONTINUE**
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[72] ASTON, DAVID, NZ
[73] LANZATECH NEW ZEALAND LIMITED, NZ
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[72] GUO, FEI, US
[72] GREEN, BRADLEY, US
[73] FACEBOOK, INC., US
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[54] **CONSTRUCTION DE CADRE DE TREPOINTE ET DISPOSITIFS DE PROTECTION POUR L'UTILISATION DANS DES CHAUSSURES**
[72] SPILLER, BERT APPLETON, US
[72] NORTON, DENIS W., US
[72] AMMON, STEPHEN D., US
[73] TBL LICENSING LLC, US
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[54] **SYSTEME DE COMMANDE DE TRAIN D'ATTERRISSAGE**
[72] BETTS, BYRON, US
[72] RONQUILLO, JOHN, US
[73] MASON ELECTRIC CO., US
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[72] MILLER, DAVID, US
[72] TOMKO, DANIEL, US
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[72] DITTRICH, DAVID JOHN, GB
[72] COBURN, STEVEN, GB
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[72] MCADAM, KEVIN GERARD, GB
[73] BRITISH AMERICAN TOBACCO (INVESTMENTS) LIMITED, GB
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[73] AGCO CORPORATION, US
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[54] **DISPOSITIF MOBILE D'ECRAN DESTINE A UN VEHICULE DE TYPE MONTE A SELLE**
[72] SUZUKI, SHOTA, JP
[72] KAWAMURA, IPPEI, JP
[72] TSUDA, HARUKA, JP
[73] HONDA MOTOR CO., LTD., JP
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[54] **PROCEDE POUR MANOEUVRER UN NAVIRE**
[72] LAW, KIM TAI, AU
[73] HATCH PTY LTD, AU
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[54] **DISPOSITIF DE FORAGE DE TUNNEL ET METHODE DE CONTROLE ASSOCIEE**
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[73] KOMATSU LTD., JP
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[54] **STRUCTURE DE PARE-CHOCS DE VEHICULE ET AMORTISSEUR DE PARE-CHOCS**
[72] TACHIBANA, YOSHIYUKI, JP
[72] SAWADA, KENTO, JP
[72] TAGUCHI, MASAYUKI, JP
[72] ITOU, TAKAHISA, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
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[54] **PIECE MANUELLE MEDICALE/CHIRURGICALE MOTORISEE QUI COMPORTE PLUSIEURS AIMANTS DISPOSES A L'INTERIEUR DU CREUX DU ROTOR DU MOTEUR**
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[73] STRYKER CORPORATION, US
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[72] BUCHHEIT, PAUL, US
[72] NORRIS, JAMES, US
[72] BOSMAN, TUDOR, US
[72] DARNELL, BENJAMIN, US
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[54] **COATING THAT SELECTIVELY ABSORBS RADIATION, AND METHOD THEREOF FOR ACHIEVING AMBIENT TEMPERATURE**
[54] **REVETEMENT ABSORBANT SELECTIF DU RAYONNEMENT ET SON PROCEDE D'OBTENTION A TEMPERATURE AMBIANTE**
[72] CAMACHO PEREZ, JUAN MANUEL, MX
[72] RIOS FLORES, ARACELI, MX
[72] MARFIL RIVERO, MICHEL, MX
[72] ROCHA ARGUELLES, FATIMA GUADALUPE, MX
[73] THERMALTECH, INC., US
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[54] **PIECE D'ABSORPTION DES CHOCS**
[72] KOGA, ATSUO, JP
[72] TADOKORO, KENICHIRO, JP
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
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[54] **VANNE D'EXTRACTION**
[72] HAUSMANN, PHILIPP, DE
[73] NISSAN MOTOR CO., LTD., JP
[85] 2016-05-24
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[54] **OUTIL DE REDRESSEMENT D'ONGLE DEFORME**
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[73] HARADA, MASANORI, JP
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[54] **CLEANING DEVICE FOR CLEANING TEATS OF AN ANIMAL FOR MILKING, MILKING MACHINE PROVIDED THEREWITH AND METHOD THEREFOR**
[54] **DISPOSITIF DE NETTOYAGE POUR LE NETTOYAGE DE TRAYONS D'UN ANIMAL POUR LA TRAITE, MACHINE DE TRAITE DOTEE DE CELUI-CI ET PROCEDE ASSOCIE**
[72] VAN DER SLUIS, PETER WILLEM, NL
[72] BERGHUIS, RAYMOND ROGER, NL
[72] HOFMAN, HENK, NL
[73] TECHNOLOGIES HOLDINGS CORP., US
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[54] **COMPRESSEUR A VOLUTES**
[72] MATSUI, TOMOKAZU, JP
[73] MITSUBISHI ELECTRIC CORPORATION, JP
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[54] **SYSTEME DE MESURE C.A. ASYNCHRONE**
[72] BARCZYK, TOMASZ, CA
[72] MILJANIC, PETAR, YU
[72] PAGE, IAIN, CA
[73] GUILDLINE INSTRUMENTS LIMITED, CA
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[87] (2933535)
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[25] EN
[54] **PROCESS AND APPARATUS FOR MULTIVALENT ION DESALINATION**
[54] **PROCEDE ET APPAREIL DE DESSALAGE D'ION MULTIVALENT**
[72] YIN, XIANGCHUN, CA
[72] MAN, MALCOLM, CA
[72] SPARROW, BENJAMIN, CA
[73] SALTWORKS TECHNOLOGIES INC., CA
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[54] **POLYMERIC BLENDS AND USES THEREOF FOR MAKING TRANSPARENT RIGID AND HEAT-RESISTANT THERMOPLASTIC WORKPIECES**
[54] **MELANGES POLYMERIQUES ET LEURS UTILISATIONS EN VUE DE LA FABRICATION DE PIECES DE TRAVAIL EN MATIERE THERMOPLASTIQUE THERMORESISTANTES, RIGIDES ET TRANSPARENTES**
[72] LEBLANC, MARC, CA
[73] JMS INTERNATIONAL PACKAGING INC., CA
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[54] **MECANISME DE TRANSFERT DE PUISSANCE D'ENGRENAGE LINEAIRE**
[72] CHENG, HSIN-LIN, CN
[72] TENG, CHING-CHUNG, CN
[73] MOTIVE POWER INDUSTRY CO., LTD., CN
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[54] **METHOD FOR CUTTING AND PLACING NOSE WIRES IN A FACEMASK MANUFACTURING PROCESS**
[54] **METHODE DE COUPE ET DE POSITIONNEMENT DE FILS DE NEZ DANS UN PROCEDE DE FABRICATION D'UN MASQUE FACiAL**
[72] HOUDE, AJAY Y., US
[72] HARRINGTON, DAVID LAMAR, US
[72] PAMPERIN, MARK THOMAS, US
[72] HARRIS, NATHAN CRAIG, US
[72] WEBER, JOSEPH P., US
[73] AVENT, INC., US
[85] 2016-10-12
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[54] **DEVICES AND METHODS FOR HEATING FLUID DISPENSERS, HOSES, AND NOZZLES**
[54] **DISPOSITIFS ET PROCEDES PERMETTANT DE CHAUFFER DES DISTRIBUTEURS DE FLUIDE, DES TUYAUX FLEXIBLES ET DES BUSES**
[72] SHELTON, ARTEMUS A., US
[72] KRETZLER, RANDAL SCOTT, US
[72] REITER, JEFFREY, US
[72] HOLMES, DANIEL, US
[72] LARSSON, BENGT I., SE
[73] WAYNE FUELING SYSTEMS LLC, US
[85] 2016-10-17
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[54] **RIGID PISTON VALVE INCORPORATING A SOLENOID**
[54] **ROBINET A PISTON RIGIDE COMPRENANT UN SOLENOIDE**
[72] BUSH, SHAWN D., US
[72] NOTTAGE, RYAN, US
[73] SDP IP HOLDINGS, LLC, US
[73] SDB IP HOLDINGS, LLC, US
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[87] (2946626)
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[54] **METHODE DE PRODUCTION D'HEXAFLUOROISOPROPANOL ET D'ETHER DE FLUOROMETHYL HEXAFLUOROISOPROPYL**
[72] MORINO, YUZURU, JP
[72] FUJII, SHIGERU, JP
[72] NAKAMICHI, TOSHIHIRO, JP
[72] AKIBA, SHINYA, JP
[72] TAKEDA, MASAAKI, JP
[72] FUJIWARA, MASAKI, JP
[73] CENTRAL GLASS COMPANY, LIMITED, JP
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[54] **SYSTEMS AND METHODS FOR FAULT TOLERANT COMMUNICATIONS**
[54] **SYSTEMES ET PROCEDES DESTINES A DES COMMUNICATIONS INSENSIBLES AUX DEFA LLANCES**
[72] KNIGHT, RICHARD, US
[73] SAS INSTITUTE INC., US
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[54] **METHOD FOR THE PREPARATION OF PROCESS INTERMEDIATES FOR THE SYNTHESIS OF ARGATROBAN MONOHYDRATE**
[54] **PROCEDE DE PREPARATION D'INTERMEDIAIRES DE PROCEDE POUR LA SYNTHESE DE L'ARGATROBAN MONOHYDRATE**
[72] STIVANELLO, MARIANO, IT
[72] HUBER, FLORIAN ANTON MARTIN, IT
[72] RICCI, ANTONIO, IT
[73] LUNDBECK PHARMACEUTICALS ITALY S.P.A., IT
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[54] **SYSTEM AND METHOD FOR INSERTING A PLIABLE IMPLANT THROUGH A SURGICAL INCISION USING A MULTI-STAGE COMPRESSION SLEEVE**
[54] **SYSTEME ET METHODE D'INSERTION D'UN IMPLANT PLIABLE DANS UNE INCISION CHIRURGICALE AU MOYEN D'UN MANCHON DE COMPRESSION MULTI ETAPE**
[72] PLACIK, OTTO J., US
[72] PENSLER, JAY, US
[73] PLACIK, OTTO J., US
[73] PENSLER, JAY, US
[85] 2017-03-31
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[25] EN
[54] **WEB PROCESSING SYSTEM AND METHOD FOR PROCESSING A BASE WEB**
[54] **SYSTEME DE TRAITEMENT DE BANDE ET PROCEDE DE TRAITEMENT D'UNE BANDE DE BASE**
[72] KOFEL, BEAT, CH
[73] TEXTILMA AG, CH
[85] 2017-04-11
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[25] EN
[54] **NAVIGATION CARTS FOR A MEDICAL PROCEDURE**
[54] **CHARIOTS DE NAVIGATION POUR UNE PROCEDURE MEDICALE**
[72] KHERADPIR, LEILA, CA
[72] LAU, WILLIAM, CA
[72] RICHMOND, JOSHUA, CA
[72] VUONG, THANH, CA
[73] SYNAPTIVE MEDICAL (BARBADOS) INC., BB
[85] 2017-04-13
[86] 2014-10-17 (PCT/CA2014/051005)
[87] (WO2016/058079)

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[54] **ADHESIVE PLASTER STRUCTURE FOR TREATING WOUNDS CAUSED BY INGROWN NAILS**
[54] **STRUCTURE DE PLATRE ADHESIF POUR LE TRAITEMENT DES PLAIES PROVOQUEES PAR DES ONGLES INCARNES**
[72] HARADA, MASANORI, JP
[73] NEOSTYLE B CO., LTD., JP
[85] 2017-04-13
[86] 2015-11-09 (PCT/JP2015/081434)
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[25] FR
[54] **AUTONOMOUS INTERIOR AERIAL DRONE EQUIPPED WITH CONTAINERS FOR GAS THAT IS LIGHTER THAN AIR**
[54] **DRONE AERIEN D'INTERIEUR AUTONOME EQUIPE DE CONTAINEURS A GAZ PLUS LEGER QUE L'AIR**
[72] ROBIN, JEAN-MARC, ZZ
[71] PISCHEDDA, LAURENCE L.P., CA
[22] 2016-02-02
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[25] EN
[54] **RANGE FINDER DEVICE FOR MONITORING ROBOT PROCESSING TOOL POSITION**
[54] **APPAREIL DE TELEMETRIE SERVANT A SURVEILLER LA POSITION D'UN OUTIL DE TRAITEMENT ROBOTIQUE**
[72] BOILLOT, JEAN-PAUL, CA
[72] GABOURY, JACQUES-ANDRE, CA
[72] RUSNAC, ANDREI, CA
[71] SERVO-ROBOT INC., CA
[22] 2016-02-01
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[25] EN
[54] **FOLDABLE SNOW BIKE**
[54] **VELO A NEIGE PLIANT**
[72] UNKNOWN, ZZ
[71] ARCOUETTE, GAUTIER G. A., CA
[22] 2016-02-01
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[51] **Int.Cl. B23D 23/00 (2006.01) E06B 9/266 (2006.01)**
[25] EN
[54] **CUTTING MACHINE FOR WINDOW COVERING**
[54] **MACHINE DE COUPE DESTINEE A UN REVETEMENT DE FENETRE**
[72] LEE, WEN-YEU, TW
[72] YEH, CHING-FANG, TW
[71] NIEN MADE ENTERPRISE CO., LTD., TW
[22] 2016-02-01
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[51] **Int.Cl. A43B 21/42 (2006.01) A43B 21/24 (2006.01)**
[25] EN
[54] **HIGH HEEL SHOE WITH DETACHABLE HEEL COMPONENTS**
[54] **CHAUSSURE A TALON HAUT A COMPOSANTES DE TALON DETACHABLES**
[72] GORDON, CARL O., CA
[71] GORDON, CARL O., CA
[22] 2016-02-01
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[51] **Int.Cl. E03D 9/08 (2006.01)**
[25] EN
[54] **TO-BI, ONE HAND USE TOILET-BIDET SET**
[54] **TO-BI, ENSEMBLE DE TOILETTE ET BIDET A UTILISATION A UNE MAIN**
[72] UNKNOWN, ZZ
[71] STANKOVIC, RADE R. S., CA
[22] 2016-02-02
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[51] **Int.Cl. D01B 1/10 (2006.01) A01D 43/10 (2006.01) A01D 45/06 (2006.01) A01D 82/00 (2006.01)**
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[54] **RIBBON DECORTICATION APPARATUS AND METHOD FOR PROCESSING GREEN FIBROUS PLANT STALKS**
[54] **APPAREIL DE DECORTICATION DE RUBAN ET METHODE DE TRAITEMENT DE TIGES DE PLANTES VERTES FIBREUSES**
[72] HARRAP, PATRICK K., CA
[71] HARRAP, PATRICK K., CA
[22] 2016-02-02
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[51] **Int.Cl. H01H 5/30 (2006.01) H01H 13/85 (2006.01)**
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[54] **ENCLOSED BUCKLING SPRING KEYSWITCH**
[54] **INTERRUPTEUR A CLE A RESSORT DE FLEXION INTEGRE**
[72] CHETRARU, BOGDAN, CA
[71] CHETRARU, BOGDAN, CA
[22] 2016-02-02
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[51] **Int.Cl. A61K 36/33 (2006.01) A61K 31/167 (2006.01) A61K 31/192 (2006.01) A61K 31/341 (2006.01) A61K 31/4515 (2006.01) A61K 31/522 (2006.01)**
[25] EN
[54] **A PHARMACEUTICAL COMPOSITION, USE OF A PHARMACEUTICAL COMPOSITION AND METHOD FOR TREATING THE SYMPTOMS OF EXCESS ALCOHOL CONSUMPTION**
[54] **UNE COMPOSITION PHARMACEUTIQUE, UTILISATION D'UNE COMPOSITION PHARMACEUTIQUE ET METHODE DE TRAITEMENT DES SYMPTOMES D'EXCES DE CONSOMMATION D'ALCOOL**
[72] JOLLY, UMJEET, CA
[72] ETHIER, GILLES, CA
[71] RISE&SHINE GLOBAL CORP, CA
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[51] **Int.Cl. A63B 21/00 (2006.01) A63B 21/068 (2006.01)**
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[54] **FITNESS APPARATUS**
[54] **APPAREIL DE CONDITIONNEMENT PHYSIQUE**
[72] SHCHIPSKY, ANATOLY, CA
[71] SHCHIPSKY, ANATOLY, CA
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[51] **Int.Cl. H01M 4/88 (2006.01) B33Y 10/00 (2015.01) B21D 22/00 (2006.01) B22C 9/00 (2006.01)**
[25] FR
[54] **DESCRIPTION OF THE PATENT PROCESSES FOR MAKING DRILLED SIEVE ELECTRODES**
[54] **DESCRIPTION DU BREVET DES PROCEDES DE FABRICATION D'ELECTRODES PASSOIR PERCES**
[72] ROJAS, MIGUEL, CA
[71] ROJAS, MIGUEL, CA
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[51] **Int.Cl. E04D 13/076 (2006.01)**
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[54] **EAVESTROUGH COVER**
[54] **REVETEMENT DE GOUTTIERES**
[72] BROCHU, STEPHANE, CA
[71] BROCHU, STEPHANE, CA
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[51] **Int.Cl. C05F 17/00 (2006.01)**
[25] FR
[54] **COMPOSTING AND BIO-DRYING CENTRE AND ORGANIC RESIDUE RECOVERY METHOD BY COMPOSTING**
[54] **CENTRE DE COMPOSTAGE ET DE BIOSECHAGE ET METHODE DE VALORISATION DE RESIDUS ORGANIQUES PAR COMPOSTAGE**
[72] COUTURE, SYLVAIN, CA
[71] MECANEC INC., CA
[22] 2016-02-03
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[51] **Int.Cl. B65G 49/00 (2006.01) B60S 3/04 (2006.01) B62D 65/18 (2006.01) B65G 15/12 (2006.01)**
[25] EN
[54] **CONVEYOR ASSEMBLY**
[54] **DISPOSITIF DE TRANSPORTEUR A COURROIE**
[72] STEPHENSON, ROBERT, CA
[72] ADAMS, PAUL, CA
[71] STEPHENSON TECHNOLOGIES INC., CA
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[51] **Int.Cl. C07K 14/47 (2006.01) A61K 38/17 (2006.01) A61P 35/00 (2006.01) C07K 7/06 (2006.01) C07K 7/08 (2006.01) C12N 15/12 (2006.01) C12N 15/63 (2006.01) C40B 30/04 (2006.01) G01N 33/53 (2006.01)**
[25] EN
[54] **PEPTIDES CAPABLE OF REACTIVATING P53 MUTANTS**
[54] **PEPTIDES CAPABLES DE REACTIVER DES P53 MUTANTS**
[72] OREN, MOSHE, IL
[72] ROTTER, VARDA, IL
[72] TAL, PERRY, IL
[71] YEDA RESEARCH & DEVELOPMENT CO. LTD., IL
[22] 2016-02-04
[41] 2017-08-04

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[51] **Int.Cl. F16H 1/28 (2006.01)**
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[54] **GALAXY ENERGY EXTRA**
[54] **ENGRENAGES A ENERGIE MULTIPLE**
[72] WOODS, TIMOTHY J., CA
[71] WOODS, TIMOTHY J., CA
[22] 2016-02-05
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[25] EN
[54] **REDUCED EMISSIONS MUFFLER**
[54] **ECHAPPEMENT A EMISSIONS REDUITES**
[72] LANGLOIS, JAMIE P., CA
[72] LA VERDE, CALOGERO, CA
[71] LANGLOIS, JAMIE P., CA
[71] LA VERDE, CALOGERO, CA
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[25] FR
[54] **HEATED CARPET**
[54] **CARPETTE CHAUFFANTE**
[72] FONG-YAM, HERVE FYH, CA
[71] FONG-YAM, HERVE FYH, CA
[22] 2016-02-05
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[51] **Int.Cl. G07C 9/00 (2006.01) H04W 4/00 (2009.01) H04W 28/12 (2009.01) H04W 52/00 (2009.01) E05F 15/77 (2015.01) G08C 17/02 (2006.01) H04L 12/28 (2006.01)**
[25] EN
[54] **APPARATUS AND METHODS FOR ENTRY CONTROL OVER A CELLULAR NETWORK**
[54] **APPAREIL ET METHODES DE CONTROLE D'ENTREE SUR UN RESEAU CELLULAIRE**
[72] RICHMOND, THOMAS R., US
[72] RICHMOND, SUZANNE, US
[72] KOCHIE, PATRICK S., US
[72] CHENG, YU JENNIFER, US
[72] BEAR, EITAN T., US
[72] GUEORGUIEVA, NADEJDA V., US
[72] CEBALLOS, EMMANUEL G., US
[71] DOORKING, INC., US
[22] 2016-02-05
[41] 2017-08-05

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[13] A1
[51] **Int.Cl. E04H 15/34 (2006.01) E04F 10/02 (2006.01) E04F 10/04 (2006.01) E04H 15/18 (2006.01) E04H 15/58 (2006.01)**
[25] FR
[54] **MODULAR SHADE STRUCTURES CAPABLE OF BEING EQUIPPED WITH A RETRACTABLE ROOF, AND CORRESPONDING FABRICATION, ASSEMBLY PROCESSES AND USES**
[54] **OMBRIERES MODULAIRES POUVANT ETRE EQUIPEES D'UN TOIT RETRACTABLE, PROCEDES DE FABRICATION, PROCEDES D'ASSEMBLAGE ET UTILISATIONS CORRESPONDANTES**
[72] LARIN, DOMINIC, CA
[72] BOURDAGES, ALAIN, CA
[71] LOUNGE FACTORY INC., CA
[22] 2016-02-04
[41] 2017-08-04

[21] **2,920,215**
[13] A1
[51] **Int.Cl. E01F 7/04 (2006.01)**
[25] EN
[54] **DEVICE FOR PROTECTION AGAINST SLIPPAGE OF SOFT MATERIAL**
[54] **DISPOSITIF DE PROTECTION CONTRE LE GLISSEMENT DE MATERIAU MOU**
[72] IORI, MAURIZIO, IT
[72] NADALINI, MATTEO, IT
[71] INCOFIL TECH S.R.L., IT
[22] 2016-02-05
[41] 2017-08-05

[21] **2,920,264**
[13] A1
[51] **Int.Cl. A47C 7/46 (2006.01) A47C 7/40 (2006.01)**
[25] EN
[54] **CHAIR BACK WITH HEIGHT AND LUMBAR ADJUSTMENT**
[54] **DOSSIER DE CHAISE A AJUSTEMENT DE HAUTEUR ET DE SECTION LOMBAIRE**
[72] ROMERO, FRANCISCO, US
[71] OFFICE MASTER, US
[22] 2016-02-09
[41] 2017-08-02
[30] US (15/012,956) 2016-02-02

[21] **2,920,280**
[13] A1
[51] **Int.Cl. E01H 5/06 (2006.01)**
[25] EN
[54] **SNOWBLOWER BLADE**
[54] **LAME DE SOUFFLEUSE A NEIGE**
[72] WETZLAUGK, PETER H., CA
[71] WETZLAUGK, PETER H., CA
[22] 2016-02-05
[41] 2017-08-05

[21] **2,920,411**
[13] A1
[51] **Int.Cl. H05B 6/62 (2006.01) B01J 19/12 (2006.01) E21B 36/04 (2006.01) E21B 43/24 (2006.01) H05B 6/52 (2006.01)**
[25] EN
[54] **TRAVELING WAVE ANTENNA FOR ELECTROMAGNETIC HEATING**
[54] **ANTENNE D'ONDE PROGRESSIVE DESTINEE AU CHAUFFAGE ELECTROMAGNETIQUE**
[72] PASALIC, DAMIR, CA
[72] OKONIEWSKI, MICHAL, CA
[71] PASALIC, DAMIR, CA
[71] OKONIEWSKI, MICHAL, CA
[22] 2016-02-09
[41] 2017-08-05
[30] US (15/016,785) 2016-02-05

[21] **2,923,186**
[13] A1
[51] **Int.Cl. G01B 3/10 (2006.01)**
[25] EN
[54] **FINGER FENCE PROTECTOR FOR TAPE MEASURE**
[54] **PROTECTEUR DE DOIGT DESTINE A UN RUBAN A MESURER**
[72] UNKNOWN, ZZ
[71] WOODFINE, TROY S., CA
[22] 2016-03-08
[41] 2017-08-02
[30] US (62/290,446) 2016-02-02

[21] **2,925,305**
[13] A1
[51] **Int.Cl. A61K 38/48 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **COMBINATION THERAPY WITH A6 AND CHEMOTHERAPEUTIC AGENTS FOR THE TREATMENT OF CANCER**
[54] **THERAPIE COMBINANT UN A6 ET DES AGENTS CHIMIOTHERAPEUTIQUES POUR LE TRAITEMENT DU CANCER**
[72] FINLAYSON, MALCOLM, US
[72] NELSON, DAVID, US
[71] ANGSTROM PHARMACEUTICALS, INC., US
[22] 2016-03-29
[41] 2017-08-02
[30] US (62/290,306) 2016-02-02

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[51] **Int.Cl. G06F 19/00 (2011.01)**
[25] EN
[54] **INGREDIENT STANDARDIZATION SYSTEM**
[54] **SYSTEME DE NORMALISATION D'INGREDIENTS**
[72] MANGIONE, MICHELLE, US
[72] COBB, BYRON, US
[71] MANGIONE, MICHELLE, US
[71] COBB, BYRON, US
[22] 2016-04-06
[41] 2017-08-02
[30] US (62/290,103) 2016-02-02

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[13] A1
[51] **Int.Cl. B60S 3/04 (2006.01) B65G 15/00 (2006.01) B65G 35/00 (2006.01)**
[25] EN
[54] **IMPROVED CONVEYOR ASSEMBLY**
[54] **DISPOSITIF DE TRANSPORTEUR A COURROIE AMELIORE**
[72] STEPHENSON, ROBERT, CA
[72] ADAMS, PAUL, CA
[71] STEPHENSON TECHNOLOGIES INC., CA
[22] 2016-05-06
[41] 2017-08-02
[30] CA (2,919,812) 2016-02-02
[30] US (15/013,357) 2016-02-02

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[13] A1
[51] **Int.Cl. F27D 3/14 (2006.01) F27B 3/18 (2006.01) F27B 3/19 (2006.01)**
[25] EN
[54] **SELECTIVE MOLTEN METAL CIRCULATION AND TRANSFER SYSTEM**
[54] **SYSTEME DE TRANSFERT ET CIRCULATION SELECTIFS DE METAL EN FUSION**
[72] THUT, BRUNO H., US
[71] THUT, BRUNO H., US
[22] 2016-05-30
[41] 2017-08-04
[30] US (15/015,611) 2016-02-04

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[21] **2,932,174**
[13] A1
[51] **Int.Cl. B61L 25/02 (2006.01) B61L 27/00 (2006.01)**
[25] EN
[54] **RAILROAD LOCOMOTIVE MONITORING SYSTEM CONFIGURATION SYSTEM AND METHOD**
[54] **SYSTEME DE SURVEILLANCE DE LOCOMOTIVE DE CHEMIN DE FER, SYSTEME DE CONFIGURATION ET METHODE**
[72] WEST, MICHEAL JOHN, US
[72] ALLWARDT, THEODORE E., US
[71] WESTINGHOUSE AIR BRAKE TECHNOLOGIES CORPORATION, US
[22] 2016-06-06
[41] 2017-08-01
[30] US (15/012,504) 2016-02-01

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[21] **2,933,170**
[13] A1
[51] **Int.Cl. E21B 41/00 (2006.01) E21B 43/26 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR CONTROLLING SILICA DUST DURING HYDRAULIC FRACTURING OPERATIONS USING AN IMPROVED MANIFOLD**
[54] **SYSTEMES ET METHODE DE CONTROLE DE LA POUSSIERE DE SILICE PENDANT LES OPERATIONS DE FRACTURATION HYDRAULIQUE AU MOYEN D'UN COLLECTEUR AMELIORE**
[72] SMITH, KIM R., US
[72] BAKER, CODY, US
[71] SIERRA DUST CONTROL, LLC, US
[22] 2016-06-15
[41] 2017-08-04
[30] US (62/291,419) 2016-02-04
[30] US (15/164,577) 2016-05-25

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[13] A1
[51] **Int.Cl. F03B 3/14 (2006.01) F03B 13/26 (2006.01) F03D 1/06 (2006.01)**
[25] EN
[54] **ANGLE-ADJUSTABLE TURBINE**
[54] **TURBINE A ANGLE REGLABLE**
[72] BORLE, DELPHIS M.C., CA
[71] BORLE, DELPHIS M.C., CA
[22] 2016-06-27
[41] 2017-08-01

[21] **2,937,620**
[13] A1
[51] **Int.Cl. C07C 211/65 (2006.01) C01B 32/60 (2017.01) C01D 7/00 (2006.01) C01F 5/24 (2006.01) C01G 9/00 (2006.01) C01G 49/00 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING METAL CARBONATE AND CATALYST FOR PRODUCING THE SAME**
[54] **METHODE DE PRODUCTION DE CARBONATE DE METAL ET CATALYSEUR DE PRODUCTION ASSOCIE**
[72] CHIOU, TZUNG-WEN, TW
[72] LIU, KUAN-FU, TW
[72] LIAW, WEN-FENG, TW
[71] TAIGREEN SCIENCE INC., TW
[22] 2016-08-02
[41] 2017-08-01
[30] TW (105103196) 2016-02-01

[21] **2,939,743**
[13] A1
[51] **Int.Cl. A01K 67/00 (2006.01) A01G 31/00 (2006.01)**
[25] EN
[54] **AQUACULTURE ENVIRONMENT CONTROL APPARATUSES, SYSTEMS, AND METHODS**
[54] **APPAREILLAGES, SYSTEMES ET METHODES DE CONTROLE D'ENVIRONNEMENT D'AQUACULTURE**
[72] GERVAIS, ROBERT H., US
[72] HOLM, KASEY E., US
[72] JOHNSON, DENNIS J., US
[72] ZIEBELL, MICHAEL B., US
[71] RALCO NUTRITION, INC., US
[22] 2016-08-17
[41] 2017-08-03
[30] US (62/290,718) 2016-02-03
[30] US (15/220,141) 2016-07-26

[21] **2,943,205**
[13] A1
[51] **Int.Cl. G06Q 30/00 (2012.01) G06T 1/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR IMAGE GENERATION BASED ON VEHICLE IDENTIFICATION NUMBER**
[54] **SYSTEME ET METHODE DE PRODUCTION D'IMAGES FONDEE SUR LE NUMERO D'IDENTIFICATION DE VEHICULE**
[72] PERRIER, GREGORY T., US
[72] NETHERCOTT, JASON K., US
[71] AUTODATA SOLUTIONS, INC., US
[22] 2016-09-27
[41] 2017-08-03
[30] US (15/015,058) 2016-02-03

[21] **2,944,099**
[13] A1
[51] **Int.Cl. A61B 5/097 (2006.01)**
[25] EN
[54] **BREATH TESTING APPARATUS**
[54] **APPAREIL DE TEST D'HALEINE**
[72] HAMILTON, ERIC LYLE, US
[71] QUINTRON INSTRUMENT COMPANY, INC., US
[22] 2016-09-29
[41] 2017-08-03
[30] US (15/014,205) 2016-02-03

[21] **2,944,580**
[13] A1
[51] **Int.Cl. G06Q 20/28 (2012.01)**
[25] EN
[54] **STORED-VALUE CARD AGENT**
[54] **AGENT DE CARTE A VALEUR STOCKEE**
[72] JIVRAJ, SALIM, CA
[72] WONG, LAWRENCE GAR CHEE, CA
[71] UGO MOBILE SOLUTIONS L.P., CA
[22] 2016-10-07
[41] 2017-08-01
[30] US (62/289,688) 2016-02-01

[21] **2,944,598**
[13] A1
[51] **Int.Cl. G06Q 20/28 (2012.01) G06Q 20/10 (2012.01)**
[25] EN
[54] **STORED-VALUE CARD TRANSFER AGENT**
[54] **AGENT DE TRANSFERT DE CARTE A VALEUR STOCKEE**
[72] JIVRAJ, SALIM, CA
[72] WONG, LAWRENCE GAR CHEE, CA
[71] UGO MOBILE SOLUTIONS L.P., CA
[22] 2016-10-07
[41] 2017-08-01
[30] US (62/289,688) 2016-02-01

[21] **2,945,732**
[13] A1
[51] **Int.Cl. F21V 29/51 (2015.01) H01L 33/64 (2010.01) F21K 9/00 (2016.01)**
[25] EN
[54] **HIGH POWER LED ILLUMINANT BASED ON HEAT PIPE PRINCIPLE**
[54] **ILLUMINATION A DEL HAUTE PUISSANCE FONDEE SUR LE PRINCIPE DE CALODUC**
[72] ZHANG, GUOSHENG, CN
[71] ZHANG, GUOSHENG, CN
[22] 2016-10-19
[41] 2017-08-03
[30] CN (201610085453.8) 2016-02-03

[21] **2,946,057**
[13] A1
[51] **Int.Cl. G01K 11/06 (2006.01) H01B 7/24 (2006.01) H01B 7/295 (2006.01) H01R 13/56 (2006.01)**
[25] EN
[54] **METHOD FOR PREVENTING CHAFFING BETWEEN A LINEAR DETECTOR CABLE AND A PROTECTIVE OUTER SHEATH**
[54] **METHODE DE PREVENTION DE FROTTEMENT ENTRE UN CABLE DE DETECTION LINEAIRE ET UNE GAINE EXTERIEURE PROTECTRICE**
[72] ROUSE, CHAD, US
[71] KIDDE TECHNOLOGIES, INC., US
[22] 2016-10-19
[41] 2017-08-05
[30] US (15/016,393) 2016-02-05

[21] **2,946,882**
[13] A1
[51] **Int.Cl. E06B 9/42 (2006.01)**
[25] EN
[54] **ROLLER BLIND CLUTCH COVER WITH ADJUSTABLE CHAIN GUIDE**
[54] **REVETEMENT D'EMBRAYAGE DE STORE ENROULEUR A GUIDE DE CHAINE REGLABLE**
[72] NG, PHILIP, CA
[71] ZMC METAL COATING INC., CA
[22] 2016-10-28
[41] 2017-08-04
[30] US (62/291,017) 2016-02-04

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[13] A1
[51] **Int.Cl. A42B 3/00 (2006.01) A42B 3/04 (2006.01)**
[25] EN
[54] **GOALIE HELMET**
[54] **CASQUE DE GARDIEN DE BUT**
[72] MUSTAC, MICHAEL A., US
[71] MUSTAC, MICHAEL A., US
[22] 2016-11-01
[41] 2017-08-03
[30] US (15/014214) 2016-02-03

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[13] A1
[51] **Int.Cl. E04F 10/02 (2006.01)**
[25] EN
[54] **SUN-SHADING ADJUSTMENT STRUCTURE OF ZEBRA SHADE**
[54] **STRUCTURE DE REGLAGE DE PARE-SOLEIL DE STORE ZEBRA**
[72] CHOU, TSER WEN, US
[71] CHOU, TSER WEN, US
[22] 2016-11-07
[41] 2017-08-02
[30] US (15/227,678) 2016-08-03
[30] TW (15201665) 2016-02-02

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[13] A1
[51] **Int.Cl. B64G 1/24 (2006.01) B64G 1/40 (2006.01)**
[25] EN
[54] **SPIN STABILIZATION OF A SPACECRAFT FOR AN ORBIT MANEUVER**
[54] **STABILISATION DE VITESSE DE ROTATION D'UN AERONEF EN VUE D'UNE MANOEUVRE EN ORBITE**
[72] WANG, QINGHONG W., US
[72] SOBEL, ALEXANDER JACOB, US
[72] LEMKE, GARY, US
[72] LUI, TIMOTHY, US
[72] LEE, KANGSIK, US
[72] CAPLIN, GLENN N., US
[72] FONTANA, TROY ALLEN, US
[71] THE BOEING COMPANY, US
[22] 2016-11-09
[41] 2017-08-04
[30] US (15/016,204) 2016-02-04

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[13] A1
[51] **Int.Cl. G01N 9/00 (2006.01) G01G 17/04 (2006.01)**
[25] EN
[54] **IMAGING SYSTEM FOR FUEL TANK ANALYSIS**
[54] **SYSTEME D'IMAGERIE DESTINE A L'ANALYSE DE RESERVOIR DE CARBURANT**
[72] ZAKRZEWSKI, RADOSLAW, US
[72] MILLER, MARK SHERWOOD, US
[72] LYNCH, MICHAEL A., US
[71] SIMMONDS PRECISION PRODUCTS, INC., US
[22] 2016-11-16
[41] 2017-08-04
[30] US (15/015,859) 2016-02-04

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[13] A1
[51] **Int.Cl. G01S 17/89 (2006.01) G01F 23/292 (2006.01) G01B 11/16 (2006.01)**
[25] EN
[54] **IMAGING SYSTEM FOR FUEL TANK ANALYSIS**
[54] **SYSTEME D'IMAGERIE DESTINE A L'ANALYSE DE RESERVOIR DE CARBURANT**
[72] ZAKRZEWSKI, RADOSLAW, US
[72] MILLER, MARK SHERWOOD, US
[72] LYNCH, MICHAEL A., US
[71] SIMMONDS PRECISION PRODUCTS, INC., US
[22] 2016-11-16
[41] 2017-08-04
[30] US (15/015,868) 2016-02-04

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[13] A1
[51] **Int.Cl. G01F 23/28 (2006.01) B64C 3/34 (2006.01) B64D 37/32 (2006.01) G01B 21/32 (2006.01) G01F 23/292 (2006.01) G01N 9/24 (2006.01)**
[25] EN
[54] **IMAGING SYSTEM FOR FUEL TANK ANALYSIS**
[54] **SYSTEME D'IMAGERIE DESTINE A L'ANALYSE DE RESERVOIR DE CARBURANT**
[72] ZAKRZEWSKI, RADOSLAW, US
[72] MILLER, MARK SHERWOOD, US
[72] LYNCH, MICHAEL A., US
[71] SIMMONDS PRECISION PRODUCTS, INC., US
[22] 2016-11-16
[41] 2017-08-04
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[13] A1
[51] **Int.Cl. B64D 43/00 (2006.01) B64D 37/02 (2006.01) B64D 37/32 (2006.01)**
[25] EN
[54] **IMAGING SYSTEM FOR FUEL TANK ANALYSIS**
[54] **SYSTEME D'IMAGERIE DESTINE A L'ANALYSE DE RESERVOIR DE CARBURANT**
[72] ZAKRZEWSKI, RADOSLAW, US
[72] MILLER, MARK SHERWOOD, US
[72] LYNCH, MICHAEL A., US
[71] SIMMONDS PRECISION PRODUCTS, INC., US
[22] 2016-11-16
[41] 2017-08-04
[30] US (15/015,827) 2016-02-04

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[13] A1
[51] **Int.Cl. G12B 17/04 (2006.01) G02B 23/16 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR PROTECTING AGAINST HIGH-RADIANT-FLUX LIGHT BASED ON TIME-OF-FLIGHT**
[54] **SYSTEMES ET METHODES DE PROTECTION CONTRE LA LUMIERE A FLUX RAYONNANT INTENSE FONDES SUR LE TEMPS DE DEPLACEMENT**
[72] TILLOTSON, BRIAN J., US
[72] NEVILLE, KATHRYN M., US
[71] THE BOEING COMPANY, US
[22] 2016-11-22
[41] 2017-08-01
[30] US (15/011727) 2016-02-01

[21] **2,949,928**
[13] A1
[51] **Int.Cl. G03G 15/10 (2006.01)**
[25] EN
[54] **WET TYPE DEVELOPING DEVICE**
[54] **DISPOSITIF DE DEVELOPPEMENT DE TYPE HUMIDE**
[72] IZAWA, HIDEO, JP
[72] TAKAHASHI, KENJI, JP
[72] KOSAKA, HIDENORI, JP
[71] MIYAKOSHI PRINTING MACHINERY CO., LTD., JP
[22] 2016-11-29
[41] 2017-08-01
[30] JP (2016-017448) 2016-02-01

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[13] A1
[51] **Int.Cl. A47B 47/02 (2006.01) A47B 45/00 (2006.01) A47B 53/00 (2006.01) A47B 81/00 (2006.01) A47B 96/06 (2006.01) H05K 7/18 (2006.01)**
[25] EN
[54] **EQUIPMENT RACK AND COMPONENTS THEREOF**
[54] **SUPPORT D'EQUIPEMENT ET COMPOSANTES ASSOCIEES**
[72] JOST, HENRY D., US
[72] LATINO, RICHARD M., US
[72] SANDOVAL, LORENA E., US
[72] RAU, JOSEPH, US
[71] COOPER TECHNOLOGIES COMPANY, US
[22] 2016-12-06
[41] 2017-07-30
[30] US (62/289,212) 2016-01-30

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[13] A1
[51] **Int.Cl. G06F 9/44 (2006.01) G06F 3/14 (2006.01) G06F 17/30 (2006.01)**
[25] EN
[54] **INTEGRATED DEVELOPER WORKFLOW FOR DATA VISUALIZATION DEVELOPMENT**
[54] **FLUX DE TRAVAIL DE DEVELOPPEUR INTEGRE DESTINE AU DEVELOPPEMENT DE LA VISUALISATION DE DONNEES**
[72] CATANIA, JEFFREY, US
[72] DHARMA, TIFFANY, US
[72] PANG, AARON, US
[72] TUNG, TERESA SHEAUSAN, US
[71] ACCENTURE GLOBAL SOLUTIONS LIMITED, IE
[22] 2017-01-05
[41] 2017-08-05
[30] US (15/016,504) 2016-02-05

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[13] A1
[51] **Int.Cl. D04B 1/14 (2006.01) C22C 19/05 (2006.01)**
[25] EN
[54] **METAL ALLOY KNIT FABRIC FOR HIGH TEMPERATURE INSULATING MATERIALS**
[54] **TISSU TISSE EN ALLIAGE METALLIQUE DESTINE A DES MATERIAUX ISOLANTS HAUTE TEMPERATURE**
[72] STEWART, TIFFANY A., US
[72] CHAPPELL, AMORET M., US
[72] HENRY, CHRISTOPHER P., US
[71] THE BOEING COMPANY, US
[22] 2017-01-05
[41] 2017-08-01
[30] US (15/012509) 2016-02-01

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[13] A1
[51] **Int.Cl. B25B 13/50 (2006.01) E21B 19/16 (2006.01) F16L 19/00 (2006.01)**
[25] EN
[54] **HAMMER UNION WRENCH**
[54] **CLE A RACCORD-UNION**
[72] CHISHOLM, JAMES, CA
[72] GUNDERSON, CODY, CA
[72] TIDBALL, KEVIN, CA
[72] NELSEN, BLAIR, CA
[71] NELSEN TECHNOLOGIES INC., CA
[22] 2017-01-10
[41] 2017-08-05
[30] US (62/291,997) 2016-02-05

[21] **2,954,634**
[13] A1
[51] **Int.Cl. A45F 3/14 (2006.01)**
[25] EN
[54] **STRAP LIFTER FOR USE BETWEEN TWO PERSONS WITH MULTIPLE LIFTING OPTIONS**
[54] **LEVE-SANGLE DESTINE A ETRE UTILISE ENTRE DEUX PERSONNES ET OFFRANT PLUSIEURS SOLUTIONS DE LEVAGE**
[72] NIELSEN, COREY DAVID, US
[71] NIELSEN, COREY DAVID, US
[22] 2017-01-16
[41] 2017-08-02
[30] US (15/013960) 2016-02-02

[21] **2,954,648**
[13] A1
[51] **Int.Cl. G01N 27/18 (2006.01) B64D 25/18 (2006.01) B64D 45/00 (2006.01) G01N 27/22 (2006.01)**
[25] FR
[54] **IMMERSION DETECTOR AND AIRCRAFT**
[54] **DETECTEUR D'IMMERSION ET AERONEF**
[72] RAGUENES, GWENAEL, FR
[72] GUTTIN-LOMBARD, PERRY, FR
[72] BAILLEUL, GEORGES, FR
[71] AIRBUS HELICOPTERS, FR
[22] 2017-01-11
[41] 2017-08-04
[30] FR (1600191) 2016-02-04

[21] **2,954,705**
[13] A1
[51] **Int.Cl. E06B 9/56 (2006.01) E06B 9/24 (2006.01) E06B 9/32 (2006.01) H05B 37/02 (2006.01)**
[25] EN
[54] **CAMERA-AIDED CONTROLLER OF ILLUMINATION**
[54] **CONTROLEUR D'ILLUMINATION ASSISTE PAR UNE CAMERA**
[72] VACHA, PAVEL, US
[72] SCHINDLER, ZDENEK, US
[72] MARIK, KAREL, US
[72] LIBAL, VIT, US
[71] HONEYWELL INTERNATIONAL INC., US
[22] 2017-01-12
[41] 2017-08-03
[30] US (15/014,947) 2016-02-03

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[51] **Int.Cl. E04C 5/10 (2006.01) E04B 1/16 (2006.01) F16L 37/248 (2006.01)**
[25] EN
[54] **BAYONET DUCT COUPLER ASSEMBLY FOR POST-TENSIONED CONCRETE MEMBER**
[54] **DISPOSITIF DE RACCORD DE CONDUIT A BAIONNETTE DESTINE A UN ELEMENT DE BETON POST-CONTRAINTE**
[72] SORKIN, FELIX, US
[71] SORKIN, FELIX, US
[22] 2017-01-12
[41] 2017-08-04
[30] US (62/291,247) 2016-02-04
[30] US (15/402,826) 2017-01-10

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[25] EN
[54] **DISPENSING SYSTEM**
[54] **SYSTEME DE DISTRIBUTION**
[72] GUY, DAVID, US
[72] FREEBERG, PAUL, US
[72] JOHNSON, JEFFREY, US
[72] ENDERSON, LYLE, US
[72] GOEMAN, TERRY, US
[71] KING TECHNOLOGY, INC., US
[22] 2017-01-11
[41] 2017-08-01
[30] US (USSN 62/388,549) 2016-02-01
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[25] EN
[54] **SYSTEMS AND METHODS FOR CONTACTING EMERGENCY PERSONNEL VIA VOICE RECOGNITION**
[54] **SYSTEMES ET METHODES D'ETABLISSEMENT DE CONTACT AVEC LE PERSONNEL D'URGENCE AU MOYEN DE LA RECONNAISSANCE VOCALE**
[72] JIANG, QIAN, US
[72] GAO, YEKUN, US
[72] MA, XINYU, US
[71] HONEYWELL INTERNATIONAL INC., US
[22] 2017-01-11
[41] 2017-08-05
[30] US (15/017,155) 2016-02-05

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[51] **Int.Cl. E06B 9/42 (2006.01) E06B 9/34 (2006.01) E06B 9/40 (2006.01)**
[25] EN
[54] **ROLL-UP SHADE HAVING ADJUSTABLE CLIPS FOR HEIGHT ADJUSTMENT**
[54] **STORE ENROULEUR COMPORTANT DES PINCES AJUSTABLES D'AJUSTEMENT EN HAUTEUR**
[72] LIN, TZU-YEN, TW
[71] WHOLE SPACE INDUSTRIES LTD., TW
[22] 2017-01-18
[41] 2017-08-01
[30] US (62/289,569) 2016-02-01
[30] US (62/319,858) 2016-04-08
[30] US (62/340,031) 2016-05-23
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[13] A1
[51] **Int.Cl. E06B 9/42 (2006.01)**
[25] EN
[54] **CORDLESS HEIGHT ADJUSTMENT MECHANISM FOR WINDOW COVERINGS**
[54] **MECANISME D'AJUSTEMENT DE HAUTEUR SANS CORDE DESTINE A DES REVETEMENTS DE FENETRE**
[72] LIN, TZU-YEN, TW
[71] WHOLE SPACE INDUSTRIES LTD., TW
[22] 2017-01-18
[41] 2017-08-01
[30] US (62/289,569) 2016-02-01
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[30] US (62/340,031) 2016-05-23
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[51] **Int.Cl. E06B 9/42 (2006.01) E06B 9/38 (2006.01)**
[25] EN
[54] **ROLL-UP WINDOW COVERING HAVING AN ADJUSTABLE LOWER ELEMENT TO FACILITATE CORDLESS HEIGHT ADJUSTMENT**
[54] **REVETEMENT DE FENETRE A ENROULEUR COMPORTANT UN ELEMENT INFERIEUR AJUSTABLE SERVANT A FACILITER L'AJUSTEMENT EN HAUTEUR SANS CORDE**
[72] LIN, TZU-YEN, TW
[71] WHOLE SPACE INDUSTRIES LTD., TW
[22] 2017-01-18
[41] 2017-08-01
[30] US (62/289,569) 2016-02-01
[30] US (62/319,858) 2016-04-08
[30] US (62/340,031) 2016-05-23
[30] US (15/403,426) 2017-01-11

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[13] A1
[51] **Int.Cl. B61D 3/00 (2006.01) B61D 3/02 (2006.01) B61D 3/04 (2006.01)**
[25] EN
[54] **AUTO RACK CAR CONVERSIONS AND DECK ADJUSTMENTS**
[54] **CONVERSIONS DE SUPPORT ET AJUSTEMENTS DE PLATEFORME DE WAGON**
[72] HUCK, KENNETH W., US
[72] MANKARIOUS, VICTOR M., US
[72] VANDE SANDE, JERRY W., US
[72] OZERDIM, CAGLAR, US
[72] HARKEY, CHRISTOPHER C., US
[72] MEHTA, HITEN Y., US
[72] COSTON, KYLE R., US
[72] MCGHEE, BRANT R., US
[71] TRINITY NORTH AMERICAN FREIGHT CAR, INC., US
[22] 2017-01-12
[41] 2017-08-01
[30] US (62/289,666) 2016-02-01
[30] US (15/206,781) 2016-07-11

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[13] A1
[51] **Int.Cl. B61D 3/18 (2006.01) B61D 3/00 (2006.01) B61D 3/02 (2006.01) B61D 3/04 (2006.01)**
[25] EN
[54] **AUTO RACK CAR CONVERSIONS AND DECK ADJUSTMENTS**
[54] **CONVERSIONS DE SUPPORT ET AJUSTEMENTS DE PLATEFORME DE WAGON**
[72] HUCK, KENNETH W., US
[72] MANKARIOUS, VICTOR M., US
[71] TRINITY NORTH AMERICAN FREIGHT CAR, INC., US
[22] 2017-01-12
[41] 2017-08-01
[30] US (62/289,666) 2016-02-01
[30] US (15/206,636) 2016-07-11

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[51] **Int.Cl. B61D 3/18 (2006.01) B61D 3/00 (2006.01) B61D 3/02 (2006.01) B61D 3/04 (2006.01)**
[25] EN
[54] **AUTO RACK CAR CONVERSIONS AND DECK ADJUSTMENTS**
[54] **CONVERSIONS DE SUPPORT ET AJUSTEMENTS DE PLATEFORME DE WAGON**
[72] HUCK, KENNETH W., US
[72] VANDE SANDE, JERRY W., US
[72] MCGHEE, BRANT R., US
[71] TRINITY NORTH AMERICAN FREIGHT CAR, INC., US
[22] 2017-01-12
[41] 2017-08-01
[30] US (62/289,666) 2016-02-01
[30] US (15/206,876) 2016-07-11

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[13] A1
[51] **Int.Cl. B61D 3/18 (2006.01) B61D 3/02 (2006.01) B61D 3/04 (2006.01)**
[25] EN
[54] **AUTO RACK CAR CONVERSIONS AND DECK ADJUSTMENTS**
[54] **CONVERSIONS DE SUPPORT ET AJUSTEMENTS DE PLATEFORME DE WAGON**
[72] HUCK, KENNETH W., US
[72] MANKARIOUS, VICTOR M., US
[72] VANDE SANDE, JERRY W., US
[72] OZERDIM, CAGLAR, US
[72] HARKEY, CHRISTOPHER C., US
[72] MEHTA, HITEN Y., US
[72] COSTON, KYLE R., US
[71] TRINITY NORTH AMERICAN FREIGHT CAR, INC., US
[22] 2017-01-12
[41] 2017-08-01
[30] US (62/289,666) 2016-02-01
[30] US (15/206,809) 2016-07-11

[21] **2,955,311**
[13] A1
[51] **Int.Cl. H04N 1/64 (2006.01) H04L 12/701 (2013.01)**
[25] EN
[54] **METHOD FOR TRANSMITTING FAX MESSAGES FROM A FAX MESSAGE SENDING DEVICE TO A FAX MESSAGE RECEIVING DEVICE**
[54] **METHODE DE TRANSMISSION DE MESSAGES PAR TELECOPIEUR A PARTIR D'UN APPAREIL ENVOYANT UN MESSAGE PAR TELECOPIEUR A UN APPAREIL RECEVANT UN MESSAGE PAR TELECOPIEUR**
[72] HAGER, MARTIN, DE
[72] GRAUVOGL, MICHAEL, DE
[71] RETARUS GMBH, DE
[22] 2017-01-16
[41] 2017-08-05
[30] EP (16 154 402.8) 2016-02-05

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[13] A1
[51] **Int.Cl. F01D 9/02 (2006.01) F01D 9/04 (2006.01) F02C 7/20 (2006.01) F02C 7/28 (2006.01)**
[25] EN
[54] **SPLINE SEAL FOR A GAS TURBINE ENGINE**
[54] **JOINT CANNELE DESTINE A UNE TURBINE A GAZ**
[72] FELDMANN, KEVIN ROBERT, US
[72] SMITH, AARON EZEKIEL, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2017-01-19
[41] 2017-08-03
[30] US (15/014,057) 2016-02-03

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[13] A1
[51] **Int.Cl. B23P 6/04 (2006.01) F01D 25/00 (2006.01) F02C 7/00 (2006.01)**
[25] EN
[54] **IN SITU GAS TURBINE PREVENTION OF CRACK GROWTH PROGRESSION**
[54] **PREVENTION SUR PLACE DE LA PROGRESSION D'UNE FISSURE DANS UNE TURBINE A GAZ**
[72] ROBERTS, HERBERT CHIDSEY, US
[72] DIWINSKY, DAVID SCOTT, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2017-01-19
[41] 2017-08-03
[30] US (15/014,115) 2016-02-03

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[13] A1
[51] **Int.Cl. B64D 31/00 (2006.01) B64D 43/00 (2006.01) F01D 21/14 (2006.01) F02C 9/22 (2006.01)**
[25] EN
[54] **CONTROLLING A GAS TURBINE ENGINE TO ACCOUNT FOR AIRFLOW DISTORTION**
[54] **CONTROLE D'UNE TURBINE A GAZ EN VUE DE TENIR COMPTE DE LA DISTORSION DE L'ECOULEMENT DE L'AIR**
[72] NESTICO, BRIAN FRANCIS, US
[72] KESTNER, BRIAN K., US
[72] MILLER, BRANDON WAYNE, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2017-01-19
[41] 2017-08-02
[30] US (15/013,164) 2016-02-02

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[13] A1
[51] **Int.Cl. B64C 11/10 (2006.01) F01D 5/30 (2006.01) F01D 21/14 (2006.01) F16B 1/00 (2006.01)**
[25] EN
[54] **LOAD ABSORPTION SYSTEMS AND METHODS**
[54] **SYSTEMES ET METHODES D'ABSORPTION DE CHARGE**
[72] BISHOP, MICHAEL JASON, US
[72] KELKAR, RAJENDRA MADHUKAR, US
[72] YUEN, ALEX, US
[72] WOODFIELD, ANDREW PHILIP, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2017-01-19
[41] 2017-08-02
[30] US (15/013,099) 2016-02-02

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[13] A1
[51] **Int.Cl. F01D 17/16 (2006.01) F01D 9/02 (2006.01)**
[25] EN
[54] **ADJUSTING AIRFLOW DISTORTION IN GAS TURBINE ENGINE**
[54] **REGLAGE DE LA DISTORSION DE L'ECOULEMENT D'AIR DANS UNE TURBINE A GAZ**
[72] NESTICO, BRIAN FRANCIS, US
[72] KESTNER, BRIAN K., US
[72] MILLER, BRANDON WAYNE, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2017-01-19
[41] 2017-08-02
[30] US (15/013,181) 2016-02-02

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[51] **Int.Cl. B64D 13/00 (2006.01) B64D 33/08 (2006.01) B64D 47/00 (2006.01) F25B 7/00 (2006.01) H01L 23/427 (2006.01)**
[25] EN
[54] **AIRCRAFT THERMAL MANAGEMENT SYSTEM**
[54] **SYSTEME DE GESTION THERMIQUE D'AERONEF**
[72] HINDERLITER, KEVIN EDWARD, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2017-01-19
[41] 2017-08-01
[30] US (15/011,933) 2016-02-01

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[13] A1
[51] **Int.Cl. F01D 17/08 (2006.01) F02C 9/16 (2006.01)**
[25] EN
[54] **GAS TURBINE ENGINE HAVING INSTRUMENTED AIRFLOW PATH COMPONENTS**
[54] **TURBINE A GAZ DOTEE DE COMPOSANTES DE CHEMIN D'ECOULEMENT D'AIR INSTRUMENTE**
[72] NESTICO, BRIAN FRANCIS, US
[72] KESTNER, BRIAN K., US
[72] MILLER, BRANDON WAYNE, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2017-01-19
[41] 2017-08-02
[30] US (15/013,152) 2016-02-02

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[51] **Int.Cl. C12N 5/04 (2006.01) A01H 1/00 (2006.01) A01H 1/02 (2006.01) A01H 5/00 (2006.01) A01H 5/10 (2006.01) C12N 5/10 (2006.01) C12N 15/82 (2006.01)**
[25] EN
[54] **SOYBEAN CULTIVAR AR1310870**
[54] **CULTIVAR DE SOYA AR1310870**
[72] MCCLURE, DONALD BRUCE, CA
[72] LEE, DAVID SCOTT, CA
[71] SYNGENTA PARTICIPATIONS AG, CH
[22] 2017-01-20
[41] 2017-08-01
[30] US (15/012,069) 2016-02-01

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[13] A1
[51] **Int.Cl. B64D 45/04 (2006.01) B64F 1/00 (2006.01) G01S 13/88 (2006.01) G01S 13/90 (2006.01) G01S 19/48 (2010.01) G01S 7/04 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS OF PRECISION LANDING FOR OFFSHORE HELICOPTER OPERATIONS USING SPATIAL ANALYSIS**
[54] **SYSTEMES ET METHODE D'ATTERRISSAGE DE PRECISION DESTINES AUX OPERATIONS D'HELICOPTERE EN HAUTE MER S'APPUYANT SUR L'ANALYSE SPACIALE**
[72] SRIVASTAV, AMIT, US
[72] HAJDUKIEWICZ, JOHN, US
[72] GARBHAM, SREEDHAR, US
[72] SRINIVASAN, RAMAN, US
[71] HONEYWELL INTERNATIONAL INC., US
[22] 2017-01-19
[41] 2017-08-02
[30] US (15/012,728) 2016-02-02

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[13] A1
[51] **Int.Cl. B61D 49/00 (2006.01) B60Q 1/50 (2006.01) B61D 41/00 (2006.01)**
[25] EN
[54] **RAILCAR SECURITY SYSTEM WITH CAR LIGHTING**
[54] **DISPOSITIF DE SECURITE D'UN WAGON DOTE D'ECLAIRAGE DE WAGON**
[72] COSTON, KYLE R., US
[72] MEHTA, HITEN Y., US
[72] MCGHEE, BRANT R., US
[72] OZERDIM, CAGLAR, US
[72] MANKARIOUS, VICTOR M., US
[72] HARKEY, CHRISTOPHER C., US
[72] HUCK, KENNETH W., US
[71] TRINITY NORTH AMERICAN FREIGHT CAR, INC., US
[22] 2017-01-20
[41] 2017-08-01
[30] US (62/289,637) 2016-02-01
[30] US (62/321,956) 2016-04-13

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[13] A1
[51] **Int.Cl. B60R 11/00 (2006.01) F16M 13/00 (2006.01)**
[25] FR
[54] **APPAREILLAGE DE SUPPORT DE RESERVOIR DE PROPANE EQUIPE D'UN DISPOSITIF D'OUVERTURE DE COFFRE**
[54] **PROPANE TANK SUPPORT APPARATUS EQUIPPED WITH TRUNK OPENING DEVICE**
[72] PROULX, GUY, CA
[72] CARON, LOUIS, CA
[71] PROULX, GUY, CA
[71] CARON, LOUIS, CA
[22] 2017-01-23
[41] 2017-08-02
[30] GB (1601882.2) 2016-02-02

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[13] A1
[51] **Int.Cl. A01K 5/00 (2006.01) A01K 5/02 (2006.01) A23N 17/00 (2006.01)**
[25] EN
[54] **ENHANCED REEL MIXER DRIVE**
[54] **ENTRAINEMENT DE MELANGEUR DE BOBINE AMELIORE**
[72] VEEDER, JACOB, US
[72] KLEIBER, JEREMIAH, US
[72] COURTIN, PIERRE, US
[72] ZIMMERMAN, ROD, US
[72] REDMAN, DANA, US
[72] MCFARLANE, CLAUDE, US
[71] KUHN NORTH AMERICA, INC., US
[22] 2017-01-24
[41] 2017-08-04
[30] US (15/015,352) 2016-02-04

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[13] A1
[51] **Int.Cl. G06F 9/445 (2006.01) G06F 21/74 (2013.01)**
[25] EN
[54] **APPLICATION LIFECYCLE OPERATION QUEUEING**
[54] **MISE EN ATTENTE D'OPERATION DE CYCLE DE VIE D'APPLICATION**
[72] SEIBEL, JAMES, US
[72] LAFLAMME, KEVIN, US
[71] BLACKBERRY LIMITED, CA
[22] 2017-01-25
[41] 2017-08-02
[30] US (15/013,438) 2016-02-02

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[13] A1
[51] **Int.Cl. B62B 7/04 (2006.01)**
[25] EN
[54] **CHILD STROLLER APPARATUS HAVING AN EXPANDABLE FRAME**
[54] **DISPOSITIF DE POUSSETTE D'ENFANT COMPORTANT UN CHASSIS EXTENSIBLE**
[72] HAUT, ROBERT E., US
[72] TAYLOR, ANDREW J., US
[72] BOWERS, PATRICK J., US
[72] HARTENSTINE, CURTIS M., US
[71] WONDERLAND SWITZERLAND AG, CH
[22] 2017-01-25
[41] 2017-08-03
[30] US (62/290,731) 2016-02-03
[30] US (62/329,677) 2016-04-29
[30] US (62/356,895) 2016-06-30

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[13] A1
[51] **Int.Cl. B62D 65/02 (2006.01) B62D 33/00 (2006.01) B65D 88/12 (2006.01) F16B 5/02 (2006.01) F16B 7/18 (2006.01)**
[25] EN
[54] **CARGO BODY AND METHOD OF ASSEMBLING THE SAME**
[54] **CORPS DE CARGO ET METHODE D'ASSEMBLAGE ASSOCIEE**
[72] ZEHNER, RILEY, US
[72] EICHER, TODD RANDALL, US
[71] STI HOLDINGS, INC., US
[22] 2017-01-26
[41] 2017-08-01
[30] US (15/012,359) 2016-02-01

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[13] A1
[51] **Int.Cl. B60K 23/00 (2006.01) B25J 5/00 (2006.01) B25J 9/18 (2006.01)**
[25] EN
[54] **TRANSMISSION CONTROL DEVICE AND LEARNING METHOD FOR SYNCHRONIZER BALK POSITION**
[54] **DISPOSITIF DE COMMANDE DE TRANSMISSION ET METHODE D'APPRENTISSAGE DE POSITION DE BUTEE DE SYNCHRONISEUR**
[72] TAKA, SHOHEI, JP
[72] HANAI, EIJI, JP
[71] HONDA MOTOR CO., LTD., JP
[22] 2017-01-25
[41] 2017-08-03
[30] JP (2016-018613) 2016-02-03

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[13] A1
[51] **Int.Cl. A61B 17/32 (2006.01)**
[25] EN
[54] **MANUAL DEBRIDEMENT IMPLEMENT**
[54] **ACCESSOIRE DE DEBRIDEMENT MANUEL**
[72] DERK, FRANCIS F., US
[72] DENTON, DEREK T., US
[71] DERK, FRANCIS F., US
[71] DENTON, DEREK T., US
[22] 2017-01-27
[41] 2017-08-03
[30] US (62/290,623) 2016-02-03

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[13] A1
[51] **Int.Cl. F01D 25/12 (2006.01) F01D 5/02 (2006.01) F01D 9/02 (2006.01) F02C 7/12 (2006.01)**
[25] EN
[54] **GAS TURBINE ENGINE WITH A COOLING FLUID PATH**
[54] **TURBINE A GAZ DOTEE D'UN PARCOURS DE FLUIDE DE REFROIDISSEMENT**
[72] RATZLAFF, JONATHAN RUSSELL, US
[72] BUNKER, RONALD SCOTT, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2017-01-26
[41] 2017-08-05
[30] US (15/016,645) 2016-02-05

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[13] A1
[51] **Int.Cl. B23P 6/04 (2006.01) F01D 25/00 (2006.01) F02C 7/00 (2006.01)**
[25] EN
[54] **IN SITU GAS TURBINE PREVENTION OF CRACK GROWTH PROGRESSION**
[54] **PREVENTION SUR PLACE DE LA PROGRESSION D'UNE FISSURE DANS UNE TURBINE A GAZ**
[72] ROBERTS, HERBERT CHIDSEY, US
[72] DIWINSKY, DAVID SCOTT, US
[72] GRADY, WAYNE R., US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2017-01-26
[41] 2017-08-03
[30] US (15/014,075) 2016-02-03

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[13] A1
[51] **Int.Cl. F01D 25/24 (2006.01) F01D 25/28 (2006.01) F02C 7/20 (2006.01)**
[25] EN
[54] **A FLANGE JOINT ASSEMBLY FOR USE IN A GAS TURBINE ENGINE**
[54] **UN DISPOSITIF DE JOINT A BRIDE DESTINE A UNE TURBINE A GAZ**
[72] TYBURCY, ANTONI, PL
[72] KAKOLEWSKI, ANDRZEJ KAZIMIERZ, PL
[72] RAJTER, KAMIL, PL
[71] GENERAL ELECTRIC COMPANY, US
[22] 2017-01-26
[41] 2017-08-04
[30] PL (P.416036) 2016-02-04

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[13] A1
[51] **Int.Cl. B23P 6/04 (2006.01) F01D 25/00 (2006.01) F02C 7/00 (2006.01)**
[25] EN
[54] **IN SITU GAS TURBINE PREVENTION OF CRACK GROWTH PROGRESSION VIA LASER WELDING**
[54] **PREVENTION SUR PLACE DE LA PROGRESSION D'UNE FISSURE DANS UNE TURBINE A GAZ AU MOYEN DE SOUDAGE AU LASER**
[72] DIWINSKY, DAVID SCOTT, US
[72] ROBERTS, HERBERT CHIDSEY, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2017-01-26
[41] 2017-08-03
[30] US (15/014,095) 2016-02-03

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[13] A1
[51] **Int.Cl. E01H 5/06 (2006.01)**
[25] EN
[54] **PLOW ASSEMBLY WITH VALVE SYSTEM FOR WINGS**
[54] **DISPOSITIF DE CHARRUE DOTE D'UN MECANISME DE VANNE POUR LES AILES**
[72] HOLMAN, JERRY D., US
[71] STONEBROOKE EQUIPMENT, INC., US
[22] 2017-01-26
[41] 2017-08-01
[30] US (62/289,444) 2016-02-01
[30] US (15/414,941) 2017-01-25

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[13] A1
[51] **Int.Cl. G06F 11/36 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR COVERAGE-BASED AUTOMATED TEST CASE AUGMENTATION FOR DESIGN MODELS**
[54] **SYSTEME ET METHODE D'AUGMENTATION DE TEST ELEMENTAIRE AUTOMATISE FONDE SUR LA COUVERTURE DESTINES A DES MODELES D'INGENIERIE**
[72] LI, MENG, US
[72] DURLING, MICHAEL RICHARD, US
[72] DAI, JIAN, US
[72] STACEY, SCOTT ALAN, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2017-01-26
[41] 2017-08-02
[30] US (15/013,391) 2016-02-02

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[13] A1
[51] **Int.Cl. A21D 15/00 (2006.01) A21D 8/06 (2006.01) A21D 13/00 (2017.01) A21D 17/00 (2006.01)**
[25] EN
[54] **PROCESS FOR THE PRODUCTION OF A SOFT BAKERY PRODUCT STORABLE AT ROOM TEMPERATURE**
[54] **PROCEDE DE PRODUCTION D'UN PRODUIT DE PATISSERIE MOU POUVANT ETRE CONSERVE A LA TEMPERATURE DE LA PIECE**
[72] BUTTINI, ROBERTO, IT
[72] FERRARI, CORRADO, IT
[72] RIBOLDI, GIANCARLO, IT
[71] BARILLA G. E R. FRATELLI S.P.A., IT
[22] 2017-01-30
[41] 2017-08-01
[30] IT (102016000010062) 2016-02-01

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[13] A1
[51] **Int.Cl. F23D 14/60 (2006.01) F23D 14/20 (2006.01) F23D 14/70 (2006.01)**
[25] EN
[54] **TURN DOWN RATIO (TDR) DAMPER**
[54] **ATTENUATEUR DE DIFFERENTIEL DE DEBIT**
[72] CHO, SUNG TAE, KR
[72] CHO, CHUL HEE, KR
[71] DAESUNG CELTIC ENERSYS CO., LTD., KR
[22] 2017-01-26
[41] 2017-08-02
[30] KR (10-2016-0012734) 2016-02-02

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[13] A1
[51] **Int.Cl. H01Q 1/12 (2006.01) H01Q 1/08 (2006.01)**
[25] EN
[54] **PLANAR ANTENNA APPARATUS AND SUPPORT OF PLANAR ANTENNA APPARATUS**
[54] **APPAREIL D'ANTENNE PLANAIRE ET SUPPORT D'APPAREIL D'ANTENNE PLANAIRE**
[72] NAKAMOTO, MASAKI, JP
[72] MUKAI, TOSHIYUKI, JP
[72] SAITO, NORIYUKI, JP
[71] KABUSHIKI KAISHA TOSHIBA, JP
[22] 2017-01-27
[41] 2017-08-01
[30] JP (2016-017549) 2016-02-01

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[21] **2,956,604**
[13] A1
[51] **Int.Cl. G06Q 50/10 (2012.01) G06Q 50/30 (2012.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR LOCATING NEARBY VEHICLE SERVICE PROVIDERS**
[54] **SYSTEME ET METHODE DE LOCALISATION DE FOURNISSEURS DE SERVICE DE VEHICULE A PROXIMITE**
[72] DHALIWAL, HARPREET S., CA
[71] DHALIWAL, HARPREET S., CA
[22] 2017-01-30
[41] 2017-08-05
[30] US (15/016,428) 2016-02-05

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[13] A1
[51] **Int.Cl. E04H 15/32 (2006.01) E04F 13/073 (2006.01) E04H 15/54 (2006.01)**
[25] EN
[54] **CORNER ASSEMBLY FOR A PORTABLE SHELTER**
[54] **DISPOSITIF DE COIN DESTINE A UNE TABLETTE PORTATIVE**
[72] BANAL, SEAN MICHAEL, US
[72] PAN, LIANZHANG, CN
[71] SUNJOY INDUSTRIES GROUP, LTD., US
[22] 2017-01-27
[41] 2017-07-31
[30] US (15/416,020) 2017-01-26
[30] US (62/289,312) 2016-01-31

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[13] A1
[51] **Int.Cl. B62D 55/07 (2006.01) B62B 17/02 (2006.01)**
[25] EN
[54] **SNOWMOBILE**
[54] **MOTONEIGE**
[72] SAWAI, SEIJI, JO
[72] IMAMURA, TAKASHI, JO
[72] YASUDA, ATSUSHI, JO
[71] YAMAHA HATSUDOKI KABUSHIKI KAISHA, JP
[22] 2017-01-31
[41] 2017-08-02
[30] JP (2016-018164) 2016-02-02

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[21] **2,956,614**
[13] A1
[51] **Int.Cl. B62M 27/02 (2006.01) B62D 55/07 (2006.01) B62M 29/00 (2006.01)**
[25] EN
[54] **SNOWMOBILE**
[54] **MOTONEIGE**
[72] SAWAI, SEIJI, JP
[72] IMAMURA, TAKASHI, JP
[72] YASUDA, ATSUSHI, JP
[71] YAMAHA HATSUDOKI KABUSHIKI KAISHA, JP
[22] 2017-01-31
[41] 2017-08-02
[30] JP (2016-018163) 2016-02-02

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[21] **2,956,615**
[13] A1
[51] **Int.Cl. B01D 61/14 (2006.01)**
[25] EN
[54] **INLINE DIAFILTRATION WITH MULTI-CHANNEL PUMP**
[54] **DIAFILTRATION EN LINE AU MOYEN D'UNE POMPE MULTICANAL**
[72] AYTURK, ENGIN, US
[72] CASEY, CATHERINE, US
[71] PALL CORPORATION, US
[22] 2017-01-31
[41] 2017-08-04
[30] US (15/015,350) 2016-02-04

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[13] A1
[51] **Int.Cl. B62M 27/02 (2006.01) B62D 55/07 (2006.01) B62M 29/00 (2006.01)**
[25] EN
[54] **SNOWMOBILE**
[54] **MOTONEIGE**
[72] SAWAI, SEIJI, JP
[72] IMAMURA, TAKASHI, JP
[72] YASUDA, ATSUSHI, JP
[71] YAMAHA HATSUDOKI KABUSHIKI KAISHA, JP
[22] 2017-01-31
[41] 2017-08-02
[30] JP (2016-018165) 2016-02-02

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[21] **2,956,649**
[13] A1
[51] **Int.Cl. E04G 11/06 (2006.01) E04G 11/08 (2006.01)**
[25] EN
[54] **SELF-ANNEALING CONCRETE, SELF-ANNEALING CONCRETE FORMS, TEMPERATURE MONITORING SYSTEM FOR SELF-ANNEALING CONCRETE FORMS AND METHOD OF MAKING AND USING SAME**
[54] **BETON AUTO-RECUIT, COFFRAGES DE BETON AUTO-RECUIT, SYSTEME DE SURVEILLANCE DE LA TEMPERATURE DESTINE AUX COFFRAGES DE BETON AUTO-RECUIT ET METHODE DE FABRICATION ET UTILISATION ASSOCIEE**
[72] CIUPERCA, ROMEO ILARIAN, US
[71] CIUPERCA, ROMEO ILARIAN, US
[22] 2017-01-30
[41] 2017-07-31
[30] US (62/289,263) 2016-01-31

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[13] A1
[51] **Int.Cl. A47B 96/06 (2006.01) A47B 47/02 (2006.01) A47B 53/00 (2006.01) A47B 57/48 (2006.01) A47B 57/54 (2006.01) A47B 81/00 (2006.01) H05K 7/18 (2006.01)**
[25] EN
[54] **EQUIPMENT RACK HAVING MOUNTING BRACKETS**
[54] **SUPPORT D'EQUIPEMENT COMPORTANT DES SUPPORTS D'INSTALLATION**
[72] JOST, HENRY D., US
[72] LATINO, RICHARD M., US
[72] SANDOVAL, LORENA E., US
[72] RAU, JOSEPH, US
[71] COOPER TECHNOLOGIES COMPANY, US
[22] 2017-01-30
[41] 2017-07-30
[30] US (62/289,212) 2016-01-30

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[13] A1
[51] **Int.Cl. A47B 96/00 (2006.01) A47B 47/02 (2006.01) A47B 53/00 (2006.01) A47B 57/48 (2006.01) A47B 57/54 (2006.01) A47B 81/00 (2006.01) A47B 96/06 (2006.01) B60B 33/00 (2006.01) H05K 7/18 (2006.01)**
[25] EN
[54] **EQUIPMENT RACK HAVING CASTER BRACKETS**
[54] **SUPPORT D'EQUIPEMENT COMPORTANT DES SUPPORTS A ROULETTE**
[72] JOST, HENRY D., US
[72] LATINO, RICHARD M., US
[72] SANDOVAL, LORENA E, MX
[72] RAU, JOSEPH, US
[71] COOPER TECHNOLOGIES COMPANY, US
[22] 2017-01-30
[41] 2017-07-30
[30] US (62/289,212) 2016-01-30

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[13] A1
[51] **Int.Cl. H05K 7/18 (2006.01) H02G 3/04 (2006.01)**
[25] EN
[54] **CABLE RETAINER GATE**
[54] **BARRIERE DE RETENUE DE CABLE**
[72] JOST, HENRY D., US
[72] LATINO, RICHARD M., US
[72] SANDOVAL, LORENA E., US
[72] RAU, JOSEPH, US
[71] COOPER TECHNOLOGIES COMPANY, US
[22] 2017-01-30
[41] 2017-07-30
[30] US (62/289,212) 2016-01-30

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[21] **2,956,669**
[13] A1
[51] **Int.Cl. H05K 7/18 (2006.01)**
[25] EN
[54] **PANEL FOR EQUIPMENT RACK**
[54] **PANNEAU DE SUPPORT D'EQUIPEMENT**
[72] JOST, HENRY D., US
[72] LATINO, RICHARD M., US
[72] SANDOVAL, LORENA E., MX
[72] RAU, JOSEPH, US
[71] COOPER TECHNOLOGIES COMPANY, US
[22] 2017-01-30
[41] 2017-07-30
[30] US (62/289,212) 2016-01-30

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[21] **2,956,671**
[13] A1
[51] **Int.Cl. H05K 7/18 (2006.01)**
[25] EN
[54] **MOUNTING BRACKET FOR EQUIPMENT RACK**
[54] **SUPPORT D'INSTALLATION DESTINE A UN SUPPORT D'EQUIPEMENT**
[72] JOST, HENRY D., US
[72] LATINO, RICHARD M., US
[72] SANDOVAL, LORENA E., MX
[72] RAU, JOSEPH, US
[71] COOPER TECHNOLOGIES COMPANY, US
[22] 2017-01-30
[41] 2017-07-30
[30] US (62/289,212) 2016-01-30

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[21] **2,956,711**
[13] A1
[51] **Int.Cl. E04F 13/04 (2006.01) B32B 7/10 (2006.01) B32B 13/02 (2006.01)**
[25] EN
[54] **STUCCO SUPPORT STRUCTURES AND STUCCO WALLS**
[54] **STRUCTURE DE SUPPORT DE STUC ET MURS EN STUC**
[72] O'LEARY, ROBERT J., US
[72] RINNE, JAMES, US
[72] ROCKWELL, ANTHONY L., US
[72] CLANCY, TIMOTHY R., US
[72] HERNANDEZ, AGUSTIN, US
[72] ANDERSON, LAMAR KENNETH, US
[72] ADZIMA, LEONARD JOSEPH, US
[71] OWENS CORNING INTELLECTUAL CAPITAL, LLC, US
[22] 2017-01-31
[41] 2017-08-01
[30] US (62/289,412) 2016-02-01
[30] US (15/419,648) 2017-01-30

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[21] **2,956,739**
[13] A1
[51] **Int.Cl. B60C 27/06 (2006.01)**
[25] EN
[54] **TIRE CHAIN INSTALLATION TOOL**
[54] **OUTIL D'INSTALLATION DE CHAINE DE PNEU**
[72] WHITE, RONALD J., US
[71] WHITE, RONALD J., US
[22] 2017-02-01
[41] 2017-08-02
[30] US (62/290,109) 2016-02-02

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[21] **2,956,747**
[13] A1
[51] **Int.Cl. B60L 15/00 (2006.01)**
[25] EN
[54] **METHOD FOR OPERATING A TRANSPORT ASSEMBLY IN THE FORM OF A LINEAR STATOR LINEAR MOTOR**
[54] **METHODE D'UTILISATION D'UN DISPOSITIF DE TRANSPORT AYANT LA FORME D'UN MOTEUR LINEAIRE A STATOR LINEAIRE**
[72] HUBER, STEFAN, AU
[72] HERZOG, HELMUT, AT
[71] BERNECKER + RAINER INDUSTRIE-ELEKTRONIK GES.M.B.H, AT
[22] 2017-01-31
[41] 2017-08-02
[30] AT (A50058/2016) 2016-02-02

[21] **2,956,753**
[13] A1
[51] **Int.Cl. H02P 25/06 (2016.01) B65G 43/00 (2006.01) H02K 41/02 (2006.01)**
[25] EN
[54] **METHOD FOR CONTROLLING THE MOVEMENT OF A DRIVE AXIS OF A DRIVE UNIT**
[54] **METHODE DE CONTROLE DU MOUVEMENT D'UN AXE D'ENTRAINEMENT D'UN MODULE D'ENTRAINEMENT**
[72] HUBER, STEFAN, AT
[72] HERZOG, HELMUT, AT
[71] BERNECKER + RAINER INDUSTRIE-ELEKTRONIK GES.M.B.H, AT
[22] 2017-01-31
[41] 2017-08-05
[30] AT (A50073/2016) 2016-02-05

[21] **2,956,757**
[13] A1
[51] **Int.Cl. B66C 3/06 (2006.01) E21B 15/00 (2006.01) F16B 45/02 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR SUPPORTING A BECKET OF A TRAVELLING BLOCK WHEN OPENED TO CONNECT OR DISCONNECT AN ITEM**
[54] **DISPOSITIF ET METHODE DE SUPPORT D'UN RINGOT SUR UNE POULIE MOBILE LORSQU'OUVERT POUR CONNECTER OU DECONNECTER UN ARTICLE**
[72] URQUHART, JESSE, CA
[71] URQUHART, JESSE, CA
[22] 2017-02-01
[41] 2017-08-05
[30] US (15/016,869) 2016-02-05

[21] **2,956,767**
[13] A1
[51] **Int.Cl. F17D 1/02 (2006.01) A61M 1/00 (2006.01) F17D 3/00 (2006.01)**
[25] EN
[54] **CRITICAL CARE BACKUP VACUUM SYSTEM AND METHOD OF USE**
[54] **SYSTEME D'ASPIRATION DE SOUTIEN AUX SOINS INTENSIFS ET METHODE D'UTILISATION**
[72] NADEAU, RENE, CA
[72] EDWARDS, PAUL, CA
[71] NADEAU, RENE, CA
[71] EDWARDS, PAUL, CA
[22] 2017-01-31
[41] 2017-08-04
[30] US (62/291,074) 2016-02-04

[21] **2,956,769**
[13] A1
[51] **Int.Cl. G01N 27/90 (2006.01)**
[25] EN
[54] **METHOD FOR NON-DESTRUCTIVE ANALYSIS OF MULTIPLE STRUCTURAL PARAMETERS**
[54] **METHODE D'ANALYSE NON DESTRUCTRICE DE PLUSIEURS PARAMETRES SPECTRAUX**
[72] HORN, DAG, CA
[72] LEPINE, BRIAN, CA
[72] LEI, JIA, CA
[71] ATOMIC ENERGY OF CANADA LIMITED / ENERGIE ATOMIQUE DU CANADA LIMITEE, CA
[22] 2017-02-01
[41] 2017-08-01
[30] US (62/289,515) 2016-02-01

[21] **2,956,771**
[13] A1
[51] **Int.Cl. E21B 43/24 (2006.01) E21B 43/22 (2006.01)**
[25] EN
[54] **METHODS OF RECOVERING HEAVY HYDROCARBONS BY HYBRID STEAM-SOLVENT PROCESSES**
[54] **METHODES DE RECUPERATION D'HYDROCARBURES LOURDS PAR DES PROCEDES VAPEUR-SOLVANT HYBRIDES**
[72] FILSTEIN, ALEXANDER ELI, CA
[71] CENOVUS ENERGY INC., CA
[22] 2017-01-31
[41] 2017-08-01
[30] US (62/289,759) 2016-02-01

[21] **2,956,776**
[13] A1
[51] **Int.Cl. C12N 1/20 (2006.01) A01H 5/10 (2006.01) A01H 17/00 (2006.01) A01N 63/00 (2006.01) A01P 3/00 (2006.01) A01P 21/00 (2006.01)**
[25] EN
[54] **BACTERIAL ENDOPHYTES FROM CUCURBIT SPECIES**
[54] **ENDOPHYTES BACTERIENS ISSUS D'ESPECES DE CUCURBITACEES**
[72] RAIZADA, MANISH N., CA
[72] KHALAF, EMAN M., CA
[71] UNIVERSITY OF GUELPH, CA
[22] 2017-02-01
[41] 2017-08-01
[30] US (62/289,737) 2016-02-01

[21] **2,956,780**
[13] A1
[51] **Int.Cl. G06Q 50/16 (2012.01) G06Q 30/02 (2012.01) G06N 3/02 (2006.01) G06T 7/00 (2017.01)**
[25] EN
[54] **METHODS FOR IMPROVING AUTOMATED DAMAGE APPRAISAL AND DEVICES THEREOF**
[54] **METHODES DESTINEES A L'AMELIORATION DE L'EVALUATION AUTOMATISEE DES DOMMAGES ET DISPOSITIFS ASSOCIES**
[72] SULLIVAN, BEAU, US
[72] NAYAK, SUNIL, US
[71] MITCHELL INTERNATIONAL, INC., US
[22] 2017-01-31
[41] 2017-08-01
[30] US (62/289,720) 2016-02-01

[21] **2,956,828**
[13] A1
[51] **Int.Cl. B60K 15/035 (2006.01)**
[25] EN
[54] **BREATHER CHECK VALVE**
[54] **CLAPET ANTIRETOUR D'APPAREIL RESPIRATOIRE**
[72] WORKMAN, JEFFREY D., US
[71] FLOWTECH FUELING, LLC, US
[22] 2017-02-01
[41] 2017-08-04
[30] US (15/015,370) 2016-02-04

[21] **2,956,830**
[13] A1
[51] **Int.Cl. A47C 21/04 (2006.01) A47C 7/74 (2006.01) A47C 31/00 (2006.01)**
[25] EN
[54] **VENTILATING SLEEP SYSTEM**
[54] **DISPOSITIF DE VENTILATION DE COUCHAGE**
[72] REYNOLDS, RANDY A., US
[71] NEVEN SLEEP, LLC, US
[22] 2017-01-31
[41] 2017-08-01
[30] US (62/289,773) 2016-02-01
[30] US (15/183,348) 2016-06-15

[21] **2,956,842**
[13] A1
[51] **Int.Cl. G01R 31/00 (2006.01) H02G 1/02 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR MEASURING/DETECTING ICE OR SNOW ATMOSPHERIC ACCRETION ON OVERHEAD POWER LINES**
[54] **METHODE ET SYSTEME DE MESURE/DETECTION D'ACCRETION ATMOSPHERIQUE DE GLACE OU DE NEIGE SUR LES LIGNES AERIENNES DE TRANSPORT D'ELECTRICITE**
[72] GODARD, BERTRAND, BE
[71] AMPACIMON S.A., BE
[22] 2017-02-01
[41] 2017-08-04
[30] EP (16154274.1) 2016-02-04
[30] EP (16171627.9) 2016-05-27

[21] **2,956,855**
[13] A1
[51] **Int.Cl. B65G 11/16 (2006.01) E21F 17/00 (2006.01)**
[25] EN
[54] **ARTICULATED LINER SYSTEM FOR MINING EQUIPMENT AND ASSOCIATED METHODS**
[54] **SYSTEME DE CHEMISAGE ARTICULE DESTINE A L'EQUIPEMENT D'EXPLOITATION MINIERE ET METHODES ASSOCIEES**
[72] DIAZ, CRISTIAN, CL
[71] VITA NOVA SPA, CL
[22] 2017-02-01
[41] 2017-08-01
[30] CL (2016-00259) 2016-02-01

[21] **2,956,856**
[13] A1
[51] **Int.Cl. E01F 5/00 (2006.01) E03F 1/00 (2006.01)**
[25] EN
[54] **CULVERT PIPE INLET**
[54] **ENTREE DE TUYAU DE PONCEAU**
[72] EBY, CRAIG A., SR., US
[71] EBY, CRAIG A., SR., US
[22] 2017-02-02
[41] 2017-08-03
[30] US (62/290,639) 2016-02-03
[30] US (15/420,712) 2017-01-31

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[13] A1
[51] **Int.Cl. B60L 15/00 (2006.01)**
[25] EN
[54] **METHOD FOR CONTROLLING THE MOVEMENT OF A TRANSPORTATION UNIT**
[54] **METHODE DE CONTROLE DU MOUVEMENT D'UN MODULE DE TRANSPORT**
[72] RADAK, ALEXANDER, AT
[72] HUBER, STEFAN, AT
[71] BERNECKER + RAINER INDUSTRIE-ELEKTRONIK GES.M.B.H, AT
[22] 2017-02-01
[41] 2017-08-05
[30] AT (A50074/2016) 2016-02-05

[21] **2,956,905**
[13] A1
[51] **Int.Cl. B23P 6/04 (2006.01)**
[25] EN
[54] **IN SITU GAS TURBINE PREVENTION OF CRACK GROWTH PROGRESSION**
[54] **PREVENTION SUR PLACE DE LA PROGRESSION D'UNE FISSURE DANS UNE TURBINE A GAZ**
[72] ROBERTS, HERBERT CHIDSEY, US
[72] DIWINSKY, DAVID SCOTT, US
[72] GRADY, WAYNE R., US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2017-02-02
[41] 2017-08-03
[30] US (15/014,103) 2016-02-03

[21] **2,956,931**
[13] A1
[51] **Int.Cl. A47F 7/00 (2006.01) A47F 11/10 (2006.01) A47G 1/02 (2006.01)**
[25] EN
[54] **MIRROR DISPLAY ASSEMBLY AND RETAIL DISPLAY SYSTEM**
[54] **ENSEMBLE DE PRESENTOIR A MIROIR ET DISPOSITIF DE PRESENTATION DESTINE AU DETAIL**
[72] MARTIN, RYAN PATRICK, US
[72] MATHISON, JEFFREY JOHN, US
[72] FORREST, EARL DAVID, US
[71] LIBERTY HARDWARE MFG. CORP., US
[22] 2017-02-03
[41] 2017-08-05
[30] US (15/016,704) 2016-02-05
[30] US (15/331,287) 2016-10-21

[21] **2,956,971**
[13] A1
[51] **Int.Cl. F03B 3/12 (2006.01)**
[25] EN
[54] **BLADE FOR SHROUDED RUNNER AND SHROUDED RUNNER COMPRISING SAID BLADE**
[54] **AUBE DESTINEE A UNE ROUE COIFFEE ET ROUE COIFFEE COMPORTANT LADITE AUBE**
[72] TOUSSAINT, KRISTOPHER, CA
[72] SABOURIN, MICHEL, CA
[72] BORNARD, LAURENT, CA
[71] ALSTOM RENEWABLE TECHNOLOGIES, FR
[22] 2017-02-03
[41] 2017-08-05
[30] EP (16290028.6) 2016-02-05

[21] **2,956,983**
[13] A1
[51] **Int.Cl. F01D 25/14 (2006.01) F02C 7/12 (2006.01)**
[25] EN
[54] **ENGINE CASING WITH INTERNAL COOLANT FLOW PATTERNS**
[54] **CARTER DE MOTEUR DOTE DE PARCOURS D'ECOULEMENT INTERNES DE REFRIGERANT**
[72] SHARMA, ASHISH, DE
[72] WILFERT, GUENTER, DE
[71] GENERAL ELECTRIC COMPANY, US
[22] 2017-02-02
[41] 2017-08-04
[30] US (15/016,053) 2016-02-04

[21] **2,956,994**
[13] A1
[51] **Int.Cl. F03D 80/40 (2016.01) F03D 7/02 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR DE-ICING A WIND TURBINE ROTOR BLADE**
[54] **SYSTEME ET METHODE DE DEGLACAGE D'UNE PALE DE ROTOR D'EOLIENNE**
[72] DRAPER, SAMUEL DAVID, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2017-02-02
[41] 2017-08-02
[30] US (15/012,962) 2016-02-02

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[13] A1
[51] **Int.Cl. B60J 5/06 (2006.01) B62D 25/02 (2006.01)**
[25] EN
[54] **VEHICLE WITH DUAL SLIDING DOORS**
[54] **VEHICULE EQUIPE DE PORTES COULISSANTES DOUBLES**
[72] PUDLO, JAMIE, US
[72] BJERKE, DAVID, US
[71] AM GENERAL LLC, US
[22] 2017-02-02
[41] 2017-08-03
[30] US (62/290784) 2016-02-03

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[54] **DEVICES AND METHODS FOR INCREASING THE STRENGTH OF AN AUTOMOTIVE TRANSMISSION**
[54] **DISPOSITIFS ET METHODES DESTINES A L'AUGMENTATION DE LA SOLIDITE D'UNE TRANSMISSION D'AUTOMOBILE**
[72] DIAL, JAMES A., US
[72] STREED, ERIC W., US
[71] SONNAX INDUSTRIES, INC., US
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[54] **COUNTING SLIDING SLEEVE AND COMPONENTS THEREOF**
[54] **MANCHON COULISSANT DE COMPTAGE ET COMPOSANTES ASSOCIEES**
[72] JORDAN, HENRY (JOE) J., JR., US
[72] TRAN, KHAI, US
[72] ATILANO, CHRISTIAN, US
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[54] **HELMET AND GOGGLES FOR USE THEREWITH AND METHOD OF USING THE SAME**
[54] **CASQUE ET LUNETTES ASSOCIEES ET METHODE D'UTILISATION ASSOCIEE**
[72] BOUCHARD-FORTIN, NICOLAS, CA
[72] HANDFIELD, ROBERT, CA
[72] DION, STEPHANE, CA
[71] KIMPEX INC., CA
[22] 2017-02-06
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[54] **SYSTEMS AND METHODS FOR IMPROVING VIDEO COMPRESSION EFFICIENCY**
[54] **SYSTEME ET METHODE D'AMELIORATION DE L'EFFICACITE DE LA COMPRESSION VIDEO**
[72] KOTEYAR, SUNIL, CA
[72] PATEL, RAKESH, CA
[72] AMARA, TAREK, CA
[72] PATEL, ALPESH, CA
[71] EVERTZ MICROSYSTEMS LTD., CA
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[25] EN
[54] **COMMERCIAL GRADE WHEELED REFUSE RECEPTACLE WITH LID**
[54] **CONTENANT A DECHETS SUR ROULETTES, DE QUALITE COMMERCIALE, DOTE D'UN COUVERCLE**
[72] UFFNER, MICHAEL, US
[72] VOGLER, MICHAEL R., US
[71] SUNCAST TECHNOLOGIES, LLC, US
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[54] **AUTHORIZATION DECISION HELP SYSTEM FROM AN AIRCRAFT AND ASSOCIATED PROCESS**
[54] **SYSTEME D'AIDE A LA DECISION D'AUTORISATION A PARTIR D'UN AERONEF, ET PROCEDE ASSOCIE**
[72] BREBAN, REMI, FR
[71] DASSAULT AVIATION, FR
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[54] **PRESSURE REGULATING SHUT-OFF VALVE**
[54] **VANNE D'ARRET REGULANT LA PRESSION**
[72] QUAGLIA, ENRICO, IT
[72] SAVINO, DARIO, IT
[71] MICROTECNICA S.R.L., IT
[22] 2017-02-02
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[54] **COMPLEX PORE GEOMETRY MODELING BY CONTINUOUSLY VARYING INCLUSIONS (CI) METHOD FOR ELASTIC PARAMETER PREDICTION USING INCLUSION MODELS**
[54] **MODELISATION DE GEOMETRIE DE PORE COMPLEXE PAR VARIATION EN CONTINU DE LA METHODE DES INCLUSIONS EN VUE DE LA PREDICTION DE PARAMETRE D'ELASTICITE AU MOYEN DE MODELES D'INCLUSION**
[72] NOLTE, ERIC, FR
[72] SABERI, REZA, FR
[71] CGG SERVICES SAS, FR
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[54] **SAFETY SURFACE WITH ENGINEERED SHOCK-ABSORBING BASE**
[54] **SURFACE DE SECURITE DOTEE D'UNE BASE D'INGENIERIE ANTICHOC**
[72] HASSAN, MORRIS, US
[71] PLAYSAFER SURFACING, LLC, US
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[25] EN
[54] **INTERACTIVE DISPLAY DEVICE**
[54] **APPAREIL D'AFFICHAGE INTERACTIF**
[72] OPHARDT, HEINER, CH
[72] DUNCAN, DAVID, CA
[72] OPHARDT, HENDRIK, CA
[71] OP-HYGIENE IP GMBH, CH
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[25] EN
[54] **ALKOXYSILYL-CONTAINING ADHESIVE SEALANTS HAVING IMPROVED TEAR PROPAGATION RESISTANCE**
[54] **SCELLANTS ADHESIFS RENFERMANT DE L'ALKOXYSILYL OFFRANT UNE RESISTANCE AMELIOREE A LA PROPAGATION DE DECHIRURE**
[72] LOBERT, MATTHIAS, DE
[72] LEWIN, ANKE, DE
[72] KNOTT, WILFRIED, DE
[72] SCHUBERT, FRANK, DE
[72] FERENZ, MICHAEL, DE
[71] EVONIK DEGUSSA GMBH, DE
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[54] **METHOD OF MAKING BRANCHED POLYESTER RESIN**
[54] **METHODE DE FABRICATION DE RESINE DE POLYESTER RAMIFIEE**
[72] MOFFAT, KAREN A., CA
[72] QIU, SHIGANG S., CA
[72] WANG, YULIN, CA
[72] BASHIR, WAFA F., CA
[72] VEREGIN, RICHARD PN, CA
[72] MARCELL, KEVIN F., US
[72] PAWLAK, JOHN LAWRENCE, US
[72] WOLFE, CHRISTOPHER M., US
[71] XEROX CORPORATION, US
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[54] **FLEXIBLE SIGNALLING DEVICE**
[54] **DISPOSITIF DE SIGNALISATION SOUPLE**
[72] FORD, TIMOTHY D.F., CA
[71] 9609385 CANADA INC., CA
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[54] **METHOD FOR TRANSPARENT ON-BOARD ROUTING OF DATA PACKETS AT VERY HIGH BIT RATE IN A SPACE TELECOMMUNICATION SYSTEM USING A NETWORK OF AT LEAST ONE REGENERATIVE SATELLITE(S)**
[54] **METHODE DE ROUTAGE EMBARQUE TRANSPARENT DE PAQUETS DE DONNEES A DEBIT BINAIRE TRES ELEVE DANS UN SYSTEME DE TELECOMMUNICATION DANS L'ESPACE AU MOYEN D'UN RESEAU D'AU MOINS UN SATELLITE REGENERATEUR**
[72] BAUDOIN, CEDRIC, FR
[72] CHUBERRE, NICOLAS, FR
[72] GAYRARD, JEAN-DIDIER, FR
[71] THALES, FR
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[54] **SHOPPING FACILITY ASSISTANCE SYSTEMS, DEVICES AND METHODS TO DETECT AND HANDLE INCORRECTLY PLACED ITEMS**
[54] **SYSTEMES, APPAREILS ET METHODES D'ASSISTANCE D'UNE INSTALLATION DE MAGASINAGE DESTINES A DETECTER ET A TRAITER LES ARTICLES PLACES INCORRECTEMENT**
[72] HIGH, DONALD R., US
[72] WINKLE, DAVID C., US
[72] MCHALE, BRIAN G., US
[72] ATCHLEY, MICHAEL D., US
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[54] **SHUTTLE/TRANSIT BUS WITH LOW FLOOR**
[54] **AUTOBUS/NAVETTE DOTE D'UN PLANCHER ABAISSE**
[72] HINES, BARRY ROY, US
[72] TETZLOFF, KELVIN, US
[72] ROBERTS, DONALD WAYNE, US
[71] ARBOC SPECIALTY VEHICLES, LLC, US
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[54] **GLOBAL OPTIMIZATION AND LOAD BALANCING IN NETWORKS**
[54] **OPTIMISATION GENERALE ET EQUILIBRE DE CHARGE DANS LES RESEAUX**
[72] AVIDAR, JACOB, IL
[72] RAVE, ELAD, IL
[72] MUSMAN, LIOR, IL
[71] TERIDION TECHNOLOGIES LTD., IL
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[54] **ASSEMBLY FOR TRANSMITTING MESSAGES TO SMARTPHONES USERS IN A TERRITORIALLY DELIMITED, TARGETED ZONE**
[54] **ENSEMBLE DE TRANSMISSION DE MESSAGES A DES UTILISATEURS DE TELEPHONES INTELLIGENTS DANS UNE ZONE CIBLEE TERRITORIALEMENT DELIMITEE**
[72] ROMANOV, ALEX, CA
[71] ISIGN MEDIA CORP., CA
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[54] **ALARM ACTIVATED SYSTEM WITH SNOW LEVEL SENSOR**
[54] **SYSTEME ACTIVE PAR UNE ALARME DOTE D'UN DETECTEUR DE HAUTEUR DE NEIGE**
[72] MORISSET, ANTONIO, US
[71] MORISSET, ANTONIO, US
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[54] **REMOTE ACCESS SYSTEM AND METHOD FOR PLANT PATHOGEN MANAGEMENT**
[54] **SYSTEME D'ACCES A DISTANCE ET METHODE DE GESTION DE PATHOGENE VEGETAL**
[72] CHAMPAGNE, MICHEL, CA
[72] LEBEAU JACOB, CHRISTIAN, CA
[72] DESJARDINS, SONIA, CA
[71] 9087-4405 QUEBEC INC., CA
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[54] **NEW PYRIDOPYRIMIDINES DERIVATIVES COMPOUNDS**
[54] **NOUVEAUX COMPOSES DERIVES DE PYRIDOPYRIMIDINES**
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[71] BIOLAB SANUS FARMACEUTICA LTDA., BR
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[25] EN
[54] **COMPOSITIONS AND METHODS FOR TREATMENT OF PROSTATE CARCINOMA**
[54] **COMPOSITIONS ET METHODES DE TRAITEMENT D'UN CARCINOME DE LA PROSTATE**
[72] BORGSTROM, PER, US
[72] CHRASTINA, ADRIAN, US
[72] BARON, VERONIQUE THERESE, US
[72] ABEDINPOUR, PARISA, US
[71] PELLFICURE PHARMACEUTICALS, INC., US
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[54] **PROCESS FOR HYDROGENATING DICHLOROISOPROPYL ETHER**
[54] **PROCEDE D'HYDROGENATION D'ETHER DE DICHLOROISOPROPYLE**
[72] FERRARI, DANIELA, US
[72] STEARS, BRIEN A., US
[72] LIU, YU, US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
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[54] **METHODS AND SYSTEMS FOR PROCESSING CELLULOSIC BIOMASS**
[54] **PROCEDES ET SYSTEMES DE TRAITEMENT DE BIOMASSE CELLULOSIQUE**
[72] POWELL, JOSEPH BROUN, US
[72] CHHEDA, JUBEN NEMCHAND, US
[72] JOFFRION, LAMAR LANE, US
[72] ANDERSON, PHILIP WALTER, US
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
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[54] **OXO-NITROGENATED VANADIUM COMPLEX, CATALYTIC SYSTEM COMPRISING SAID OXO-NITROGENATED VANADIUM COMPLEX AND PROCESS FOR (CO)POLYMERISING CONJUGATED DIENES**
[54] **COMPLEXE DE VANADIUM OXO-AZOTE, SYSTEME CATALYTIQUE COMPRENANT LEDIT COMPLEXE DE VANADIUM OXO-AZOTE ET PROCEDE DE (CO)POLYMERISATION DE DIENES CONJUGUES**
[72] PAMPALONI, GUIDO, IT
[72] RICCI, GIOVANNI, IT
[72] SOMMAZZI, ANNA, IT
[72] MASI, FRANCESCO, IT
[72] LEONE, GIUSEPPE, IT
[71] VERSALIS S.P.A., IT
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[25] EN
[54] **THERAPEUTIC COMPOSITIONS FOR VIRAL-ASSOCIATED DISEASE STATES AND METHODS OF MAKING AND USING SAME**
[54] **COMPOSITIONS THERAPEUTIQUES POUR DES ETATS PATHOLOGIQUES ASSOCIES A DES VIRUS ET DES PROCEDES DE FABRICATION ET D'UTILISATION ASSOCIES**
[72] RAE, CAROL A., US
[72] SIMONI, JAN, US
[72] SIMONI, GRACE (DECEASED), US
[72] MOELLER, JOHN F., US
[71] IMMUTRIX THERAPEUTICS, INC., US
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[54] **HERBICIDAL COMPOUNDS**
[54] **COMPOSES HERBICIDES**
[72] HENNESSY, ALAN JOSEPH, GB
[72] HACHISU, SHUJI, GB
[72] WAILES, JEFFREY STEVEN, GB
[72] WILLETTS, NIGEL JAMES, GB
[72] CLOUDSDALE, IAN STUART, US
[72] BLACK, JANICE, GB
[72] BRIGGS, EMMA, GB
[72] DALE, SUZANNA JANE, GB
[71] SYNGENTA PARTICIPATIONS AG, CH
[85] 2017-03-29
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[25] EN
[54] **COMPOSITIONS AND METHODS FOR PROMOTING HOMOLOGY DIRECTED REPAIR**
[54] **COMPOSITIONS ET PROCEDES POUR ACTIVER UNE REPARATION DIRIGEE PAR HOMOLOGIE**
[72] COTTA-RAMUSINO, CECILIA, US
[71] EDITAS MEDICINE, INC., US
[85] 2017-04-04
[86] 2015-10-09 (PCT/US2015/055002)
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[30] US (62/062,815) 2014-10-10
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[54] **SYSTEME DE GENERATION DE CHALEUR PAR INDUCTION MAGNETIQUE**
[72] MARTINEZ RUIZ, MANUEL, ES
[71] MAXWELL & LORENTZ, S.L., ES
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[51] **Int.Cl. A61B 34/20 (2016.01) A61B 17/34 (2006.01)**
[25] EN
[54] **PHANTOM TO DETERMINE POSITIONAL AND ANGULAR NAVIGATION SYSTEM ERROR**
[54] **FANTOME SERVANT A DETERMINER UNE ERREUR DE POSITION ET D'ANGLE D'UN SYSTEME DE NAVIGATION**
[72] SIAL, AISHA, CA
[72] KREAMER-TONIN, KATLIN JEAN, CA
[72] VENKATESALU, RAJKUMAR, CA
[72] CHEN, SEAN JY-SHYANG, CA
[71] SYNAPTIVE MEDICAL (BARBADOS) INC., BB
[85] 2017-05-17
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[87] (2963865)

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[25] EN
[54] **CATALYST FOR THE GAS PHASE PRODUCTION OF CARBOXYLIC ACIDS**
[54] **CATALYSEUR POUR LA PRODUCTION EN PHASE GAZEUSE D'ACIDES CARBOXYLIQUES**
[72] BARTON, DAVID G., US
[72] BUDRONI, GEROLAMO, NL
[72] CORTHALS, STEVEN L. F., BE
[71] DOW GLOBAL TECHNOLOGIES LLC, US
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[25] EN
[54] **OXIDATIVE METHODS OF PHOSPHORUS REMOVAL FROM LIQUID HYDROCARBONS**
[54] **PROCEDES OXYDANTS D'ELIMINATION DU PHOSPHORE A PARTIR D'HYDROCARBURES LIQUIDES**
[72] LEYSHON, DAVID W., US
[72] ZHANG, LEI, US
[72] MASKELL, ROBERT BRUCE, US
[72] WHITE, DANIEL F., US
[71] LYONDELL CHEMICAL TECHNOLOGY, L.P., US
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[30] US (62/068,307) 2014-10-24
[30] US (14/920,658) 2015-10-22

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[51] **Int.Cl. H04N 5/14 (2006.01)**
[25] EN
[54] **VIDEO STABILIZATION SYSTEM AND METHOD**
[54] **SYSTEME ET METHODE DE STABILISATION DE VIDEO**
[72] KUCHNIO, PIOTR, CA
[72] LEITCH, SAM ANTHONY, CA
[72] JAMIESON, CHRISTOPHER THOMAS, CA
[72] DUMONT, GUILLAUME, CA
[72] CHEVALIER, CLAUDE, CA
[72] ST-LAURENT, LOUIS, CA
[71] SYNAPTIVE MEDICAL (BARBADOS) INC., BB
[85] 2017-05-19
[86] 2017-02-24 (PCT/CA2017/000036)
[87] (2964966)

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[51] **Int.Cl. G06F 3/01 (2006.01) G01C 1/00 (2006.01) G01C 21/36 (2006.01) G01S 1/00 (2006.01) G06F 3/16 (2006.01) H04R 1/10 (2006.01)**
[25] EN
[54] **FACILITATING INTERACTION BETWEEN USERS AND THEIR ENVIRONMENTS USING A HEADSET HAVING INPUT MECHANISMS**
[54] **FACILITATION D'UNE INTERACTION ENTRE DES UTILISATEURS ET LEURS ENVIRONNEMENTS A L'AIDE D'UN CASQUE D'ECOUTE AYANT DES MECANISMES D'ENTREE**
[72] ERMILOV, ANDREI STEFAN, US
[72] COTIER, BRADLEY NEVILLE, US
[72] DOROFTEI, CATALIN NICOLAE, US
[72] CHAABAN, HANI NABIL, US
[72] CHUDGE, JARNAIL SINGH, US
[72] FARMER, MATTHEW ROBIN, US
[72] PARKER, MICHAEL JAMES BELFIELD, US
[72] SALANDIN, OSCAR JAMES FRANCIS, US
[72] WILCOX, ROBERT JOHN, US
[71] MICROSOFT TECHNOLOGY LICENSING, LLC, US
[85] 2017-04-20
[86] 2015-10-28 (PCT/US2015/057684)
[87] (WO2016/069672)
[30] US (62/073,762) 2014-10-31
[30] US (14/690,422) 2015-04-19

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[51] **Int.Cl. G06M 11/00 (2006.01) G01N 15/10 (2006.01)**
[25] EN
[54] **PREPARATION OF TYNDALLIZED, INTACT AND IMMUNOLOGICALLY ACTIVE CELLS OF LACTOBACILLUS RHAMNOSUS GG AND METHOD FOR QUALITATIVE AND QUANTITATIVE DETERMINATION THEREOF**
[54] **PREPARATION DE CELLULES TYNDALLISEES, INTACTES ET IMMUNOLOGIQUEMENT ACTIVES DE LACTOBACILLUS RHAMNOSUS GG ET PROCEDE DE DETERMINATION QUALITATIVE ET QUANTITATIVE ASSOCIE**
[72] MOGNA, GIOVANNI, IT
[71] PROBIOTICAL S.P.A., IT
[85] 2017-04-21
[86] 2015-11-12 (PCT/IB2015/058747)
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[30] IT (102014902308600) 2014-11-12

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[51] **Int.Cl. C07C 67/54 (2006.01) C07C 69/54 (2006.01)**
[25] EN
[54] **BREAKING A METHANOL/METHYL METHACRYLATE AZEOTROPE USING PRESSURE SWING DISTILLATION**
[54] **DEGRADATION D'UN AZEOTROPE METHANOL/METHACRYLATE DE METHYLE PAR DISTILLATION MODULEE EN PRESSION**
[72] PENDERGAST, JOHN G., US
[72] WORLEY, WILLIAM G., US
[72] HOY, STACY W., US
[72] CROSTHWAITE, JACOB M., US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[71] ROHM AND HAAS COMPANY, US
[85] 2017-04-21
[86] 2015-10-02 (PCT/US2015/053663)
[87] (WO2016/069198)
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[51] **Int.Cl. C07C 67/48 (2006.01) C07C 67/39 (2006.01) C07C 69/54 (2006.01)**
[25] EN
[54] **PROCESS FOR IN SITU WATER REMOVAL FROM AN OXIDATIVE ESTERIFICATION REACTION USING A COUPLED REACTOR-DISTILLATION SYSTEM**
[54] **PROCEDE POUR L'ELIMINATION IN SITU DE L'EAU D'UNE REACTION D'ESTERIFICATION OXYDANTE A L'AIDE D'UN REACTEUR-SYSTEME DE DISTILLATION COUPLE**
[72] KUVADIA, ZUBIN B., US
[72] LIMBACH, KIRK W., US
[72] KRAPTCHETOV, DMITRI A., US
[72] SILVANO, MARK A., US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[71] ROHM AND HAAS COMPANY, US
[85] 2017-04-21
[86] 2015-10-02 (PCT/US2015/053672)
[87] (WO2016/069199)
[30] US (62/073,285) 2014-10-31

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[51] **Int.Cl. C07C 67/48 (2006.01) C07C 67/39 (2006.01) C07C 69/54 (2006.01)**
[25] EN
[54] **PROCESS FOR IN SITU WATER REMOVAL FROM AN OXIDATIVE ESTERIFICATION REACTION USING A COUPLED REACTOR-DISTILLATION SYSTEM**
[54] **PROCEDE D'ELIMINATION IN SITU DE L'EAU D'UNE REACTION D'ESTERIFICATION OXYDATIVE FAISANT APPEL A UN SYSTEME REACTEUR COUPLE A UNE DISTILLATION**
[72] KUVADIA, ZUBIN B., US
[72] LIMBACH, KIRK W., US
[72] KRAPTCHETOV, DMITRI A., US
[72] SILVANO, MARK A., US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[71] ROHM AND HAAS COMPANY, US
[85] 2017-04-21
[86] 2015-10-02 (PCT/US2015/053678)
[87] (WO2016/069200)
[30] US (62/073,321) 2014-10-31

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[51] **Int.Cl. C07C 67/39 (2006.01) C07C 69/54 (2006.01)**
[25] EN
[54] **OXIDATIVE ESTERIFICATION PROCESS FOR MAKING METHYL METHACRYLATE**
[54] **PROCEDE D'ESTERIFICATION OXYDATIVE POUR LA FABRICATION DE METHACRYLATE DE METHYLE**
[72] LIMBACH, KIRK W., US
[72] KRAPTCHETOV, DMITRI A., US
[72] FRICK, CHRISTOPHER D., US
[71] ROHM AND HAAS COMPANY, US
[85] 2017-04-21
[86] 2015-10-07 (PCT/US2015/054437)
[87] (WO2016/069225)
[30] US (62/073,290) 2014-10-31

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[51] **Int.Cl. C07C 67/62 (2006.01) C07C 69/54 (2006.01)**
[25] EN
[54] **SEPARATION PROCESS**
[54] **PROCEDE DE SEPARATION**
[72] PENDERGAST, JOHN G., US
[72] LOPEZ-TOLEDO, JACINTO, US
[72] WORLEY, WILLIAM G., US
[72] HOY, STACY W., US
[72] CROSTHWAITE, JACOB M., US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[71] ROHM AND HAAS COMPANY, US
[85] 2017-04-21
[86] 2015-10-07 (PCT/US2015/054479)
[87] (WO2016/069227)
[30] US (62/073,406) 2014-10-31

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[13] A1
[51] **Int.Cl. H04N 21/6587 (2011.01) H04N 21/643 (2011.01) H04N 21/845 (2011.01)**
[25] EN
[54] **METHODS OF IMPLEMENTING MULTI MODE TRICKPLAY**
[54] **PROCEDES DE MISE EN ŒUVRE DE LECTURE SPECIALE A PLUSIEURS MODES**
[72] PANJE, KRISHNA PRASAD, IN
[72] FRANKS, WILLIAM P., US
[72] SAHASRANAMAN, MURALI, IN
[71] ARRIS ENTERPRISES LLC, US
[85] 2017-01-19
[86] 2015-04-09 (PCT/US2015/025214)
[87] (WO2016/014129)
[30] US (14/338,590) 2014-07-23

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[13] A1
[51] **Int.Cl. H03F 3/20 (2006.01) H03F 3/189 (2006.01) H03F 3/72 (2006.01)**
[25] EN
[54] **SUPPLY MODULATION FOR RADIO FREQUENCY POWER AMPLIFICATION**
[54] **MODULATION D'ALIMENTATION POUR AMPLIFICATION DE PUISSANCE A RADIOFREQUENCE**
[72] WANG, ZHANCANG, US
[71] MICROSOFT TECHNOLOGY LICENSING, LLC, US
[85] 2017-04-24
[86] 2015-11-10 (PCT/US2015/059801)
[87] (WO2016/077256)
[30] CN (201410640376.9) 2014-11-14
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[51] **Int.Cl. H03F 3/20 (2006.01) H03F 1/07 (2006.01) H03F 3/189 (2006.01) H03F 3/68 (2006.01) H03F 3/72 (2006.01)**
[25] EN
[54] **POWER AMPLIFIER FOR AMPLIFYING RADIO FREQUENCY SIGNAL**
[54] **AMPLIFICATEUR DE PUISSANCE PERMETTANT D'AMPLIFIER UN SIGNAL RADIOELECTRIQUE**
[72] WANG, ZHANCANG, US
[71] MICROSOFT TECHNOLOGY LICENSING, LLC, US
[85] 2017-04-24
[86] 2015-11-10 (PCT/US2015/059802)
[87] (WO2016/077257)
[30] CN (201410643351.4) 2014-11-14
[30] US (14/543,635) 2014-11-17

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[13] A1
[51] **Int.Cl. H04L 25/03 (2006.01) H04B 3/54 (2006.01) H04J 11/00 (2006.01)**
[25] EN
[54] **TRANSMISSION DEVICE WITH CHANNEL EQUALIZATION AND CONTROL AND METHODS FOR USE THEREWITH**
[54] **DISPOSITIF DE TRANSMISSION A EGALISATION DE CANAL ET COMMANDE, ET PROCEDES D'UTILISATION ASSOCIES**
[72] HENRY, PAUL SHALA, US
[72] BENNETT, ROBERT, US
[72] GERSZBERG, IRWIN, US
[72] BARZEGAR, FARHAD, US
[72] BARNICKEL, DONALD J., US
[72] WILLIS, THOMAS M., III, US
[71] AT&T INTELLECTUAL PROPERTY I, L.P., US
[85] 2017-04-25
[86] 2015-10-20 (PCT/US2015/056316)
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[30] US (14/548,429) 2014-11-20

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[51] **Int.Cl. H04W 80/00 (2009.01) H04W 72/04 (2009.01)**
[25] EN
[54] **METHOD FOR TRANSMITTING AND RECEIVING MULTIPLE USER BLOCK ACKNOWLEDGEMENT FRAME IN WIRELESS LAN SYSTEM, AND APPARATUS THEREFOR**
[54] **PROCEDE POUR EMETTRE ET RECEVOIR UNE TRAME D'ACCUSE DE RECEPTION DE BLOC MULTI-UTILISATEUR DANS SYSTEME LAN SANS FIL ET APPAREIL A CET EFFET**
[72] KIM, JEONGKI, KR
[72] RYU, KISEON, KR
[72] CHO, HANGYU, KR
[71] LG ELECTRONICS INC., KR
[85] 2017-04-25
[86] 2015-10-27 (PCT/KR2015/011367)
[87] (WO2016/068572)
[30] US (62/068,771) 2014-10-27
[30] US (62/100,915) 2015-01-08
[30] US (62/109,623) 2015-01-30
[30] US (62/110,611) 2015-02-02
[30] US (62/111,021) 2015-02-02
[30] US (62/112,600) 2015-02-05
[30] US (62/185,741) 2015-06-29

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[13] A1
[51] **Int.Cl. H04B 10/516 (2013.01) H04B 10/556 (2013.01) H04L 27/18 (2006.01) H04L 27/34 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR MULTI-DIMENSIONAL MODULATION USING MULTIPLE CONSTELLATIONS**
[54] **SYSTEME ET PROCEDE POUR UNE MODULATION MULTIDIMENSIONNELLE A L'AIDE DE MULTIPLES CONSTELLATIONS**
[72] ZHANG, HONGBIN, US
[72] BATSHON, HUSSAM G., US
[71] TYCO ELECTRONICS SUBSEA COMMUNICATIONS LLC, US
[85] 2017-04-25
[86] 2015-10-21 (PCT/US2015/056657)
[87] (WO2016/069346)
[30] US (14/529,414) 2014-10-31
[30] US (14/631,778) 2015-02-25

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[13] A1
[51] **Int.Cl. E02F 9/28 (2006.01)**
[25] EN
[54] **WEAR MEMBER FOR TOOL**
[54] **ELEMENT D'USURE POUR OUTIL**
[72] SERRURIER, DOUGLAS C., US
[72] VENUGOPAL, ARUN K., US
[71] CATERPILLAR INC., US
[85] 2017-04-25
[86] 2015-10-29 (PCT/US2015/058064)
[87] (WO2016/073279)
[30] US (62/076,969) 2014-11-07
[30] US (14/919,036) 2015-10-21

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[13] A1
[51] **Int.Cl. G05B 19/401 (2006.01) B23Q 17/22 (2006.01)**
[25] EN
[54] **APPARATUS AND PROCEDURE FOR HOMING AND SUBSEQUENT POSITIONING OF AXES OF A NUMERICAL CONTROL MACHINE**
[54] **APPAREIL ET PROCEDE POUR LE GUIDAGE ET LE POSITIONNEMENT ULTERIEUR D'AXES D'UNE MACHINE A COMMANDE NUMERIQUE**
[72] LEVER, ANDREA, IT
[71] ZERAS S.R.L., IT
[85] 2017-04-26
[86] 2016-01-29 (PCT/IB2016/000064)
[87] (WO2016/120716)
[30] IT (102015902324455) 2015-01-29

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[13] A1
[51] **Int.Cl. G05G 1/01 (2009.01) G05G 1/36 (2009.01) B62D 11/18 (2006.01) B66C 13/56 (2006.01) E02F 9/20 (2006.01) G05G 13/02 (2006.01)**
[25] EN
[54] **MECHANICAL LINKAGE FOR CONTROL OF POWER MACHINE**
[54] **LIAISON MECANIQUE POUR LA COMMANDE D'UNE MACHINE A MOTEUR**
[72] MATUSU, JAKUB, CZ
[72] VANEK, KAREL, CZ
[72] KRATOCHVIL, PETR, CZ
[72] FISER, JAROSLAV, CZ
[71] CLARK EQUIPMENT COMPANY, US
[85] 2017-04-26
[86] 2015-10-29 (PCT/US2015/057957)
[87] (WO2016/069844)
[30] US (62/072,178) 2014-10-29

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[13] A1
[51] **Int.Cl. H05K 7/20 (2006.01)**
[25] FR
[54] **AVIONICS BAY**
[54] **BAIE AVIONIQUE**
[72] AVIGNON, PHILIPPE PIERRE, FR
[72] BLINEAU, JEAN-MARC, FR
[72] FLEURY, ALEXANDRE, FR
[72] GOGE, FRANCOIS, FR
[72] MAIRET, PHILIPPE, FR
[71] SAFRAN ELECTRICAL & POWER, FR
[71] AIRBUS OPERATIONS, FR
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[86] 2015-11-04 (PCT/FR2015/052976)
[87] (WO2016/071632)
[30] FR (1460650) 2014-11-04

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[51] **Int.Cl. B41M 5/24 (2006.01) B41M 5/26 (2006.01)**
[25] EN
[54] **APPARATUS AND METHODS FOR LABELING VIALS OR AMPOULES STORED AT TEMPERATUES AS LOW AS -200 °C**
[54] **APPAREIL ET PROCEDES D'ETIQUETAGE DE FLACONS OU D'AMPOULES STOCKES A DES TEMPERATURES AUSSI BASSES QUE - 200 °C**
[72] BREHM, ANDY, US
[72] SCHINDLER, ED, US
[72] CAMPBELL, JULIE, US
[71] MERIAL, INC., US
[85] 2017-04-27
[86] 2015-10-30 (PCT/US2015/058209)
[87] (WO2016/069984)
[30] US (62/072,695) 2014-10-30

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[51] **Int.Cl. H01L 23/427 (2006.01)**
[25] EN
[54] **HEAT SINK ASSEMBLIES FOR TRANSIENT COOLING**
[54] **ENSEMBLES DISSIPATEURS THERMIQUES POUR REFROIDISSEMENT TRANSITOIRE**
[72] ENGELHARDT, MICHEL, US
[72] STEHLIK, PAUL OTTO, US
[72] SWANSON, JUDD EVERETT, US
[71] GE AVIATION SYSTEMS LLC, US
[85] 2017-04-27
[86] 2015-11-12 (PCT/US2015/060441)
[87] (WO2016/077619)
[30] US (62/078,620) 2014-11-12

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[13] A1
[51] **Int.Cl. C07K 16/12 (2006.01) C07K 16/00 (2006.01) C07K 16/44 (2006.01)**
[25] EN
[54] **ANTI-STAPHYLOCOCCUS AUREUS ANTIBODY RIFAMYCIN CONJUGATES AND USES THEREOF**
[54] **CONJUGUES DE RIFAMYCINE ET D'ANTICORPS ANTI-STAPHYLOCOCCUS AUREUS ET LEURS UTILISATIONS**
[72] BROWN, ERIC, US
[72] HAZENBOS, WOUTER, US
[72] HOTZEL, ISIDRO, US
[72] KAJIHARA, KIMBERLY, US
[72] LEHAR, SOPHIE M., US
[72] MARIATHASAN, SANJEEV, US
[72] PILLOW, THOMAS, US
[72] STABEN, LEANNA, US
[72] VERMA, VISHAL, US
[72] WEI, BINQING, US
[72] XIA, YI, US
[72] XU, MIN, US
[71] GENENTECH, INC., US
[85] 2017-04-27
[86] 2015-12-02 (PCT/US2015/063515)
[87] (WO2016/090040)
[30] US (62/087,213) 2014-12-03

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[13] A1
[51] **Int.Cl. H02S 40/36 (2014.01) H02S 30/10 (2014.01) H01R 13/52 (2006.01)**
[25] EN
[54] **INTEGRATED FRAME FOR PHOTOVOLTAIC MODULE**
[54] **CADRE INTEGRE POUR MODULE PHOTOVOLTAIQUE**
[72] KOPPI, KURT A., US
[72] LOPEZ, LEONARDO C., US
[72] NAMJOSHI, ABHIJIT A., US
[72] EURICH, GERALD K., US
[72] TUDOR, JAY M., US
[72] LANGMAID, JOSEPH A., US
[72] LUX, MARK J., US
[72] STEMPKI, MATTHEW A., US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[85] 2017-04-28
[86] 2015-10-21 (PCT/US2015/056606)
[87] (WO2016/077041)
[30] US (62/079,153) 2014-11-13
[30] US (62/146,585) 2015-04-13

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[13] A1
[51] **Int.Cl. H04B 10/27 (2013.01) H04B 10/11 (2013.01)**
[25] EN
[54] **ASSOCIATION IN LINE-OF-SIGHT COMMUNICATION NETWORKS**
[54] **ASSOCIATION DANS DES RESEAUX DE COMMUNICATION A LIGNE DE VISEE**
[72] YOGEESWARAN, KARTHIK, US
[72] PANAH, ALI YAZDAN, US
[72] MAGUIRE, YAEL, US
[71] FACEBOOK, INC., US
[85] 2017-04-28
[86] 2015-11-03 (PCT/US2015/058869)
[87] (WO2016/073508)
[30] US (14/534,709) 2014-11-06

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[13] A1
[51] **Int.Cl. C07C 17/10 (2006.01) C07C 5/44 (2006.01)**
[25] EN
[54] **PROCESS FOR THE PRODUCTION OF HYDROGEN CHLORIDE, ETHYLENE AND VINYL CHLORIDE FROM ETHANE**
[54] **PROCEDE DE PRODUCTION DE CHLORURE D'HYDROGENE, D'ETHYLENE ET DE CHLORURE DE VINYLE A PARTIR D'ETHANE**
[72] FISH, BARRY B., US
[72] PRETZ, MATTHEW T., US
[72] TIRTOWIDJOJO, MAX M., US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[85] 2017-04-28
[86] 2015-11-10 (PCT/US2015/059877)
[87] (WO2016/077298)
[30] US (62/078,040) 2014-11-11

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[13] A1
[51] **Int.Cl. C07C 17/10 (2006.01) C07C 5/44 (2006.01)**
[25] EN
[54] **PROCESS FOR THE PRODUCTION OF ETHYLENE, HYDROGEN CHLORIDE, AND VINYL CHLORIDE FROM ETHANE**
[54] **PROCEDE DE PRODUCTION D'ETHYLENE, DE CHLORURE D'HYDROGENE ET DE CHLORURE DE VINYLE A PARTIR D'ETHANE**
[72] FISH, BARRY B., US
[72] PRETZ, MATTHEW T., US
[72] TIRTOWIDJOJO, MAX M., US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[85] 2017-04-28
[86] 2015-11-10 (PCT/US2015/059880)
[87] (WO2016/077300)
[30] US (62/078020) 2014-11-11

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[13] A1
[51] **Int.Cl. C07C 17/10 (2006.01) C07C 5/44 (2006.01)**
[25] EN
[54] **PROCESS FOR THE PRODUCTION OF ETHYLENE, VINYLIDENE, AND HYDROGEN CHLORIDE FROM ETHANE**
[54] **PROCEDE DE PRODUCTION D'ETHYLENE, DE VINYLIDENE ET DE CHLORURE D'HYDROGENE A PARTIR D'ETHANE**
[72] FISH, BARRY B., US
[72] PRETZ, MATTHEW T., US
[72] TIRTOWIDJOJO, MAX M., US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[85] 2017-04-28
[86] 2015-11-10 (PCT/US2015/059886)
[87] (WO2016/077305)
[30] US (62/078,024) 2014-11-11

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[13] A1
[51] **Int.Cl. H02S 40/36 (2014.01) H01R 13/46 (2006.01)**
[25] EN
[54] **A CONNECTOR FOR JOINING PHOTOVOLTAIC COMPONENTS**
[54] **CONNECTEUR DESTINE A RELIER DES COMPOSANTS PHOTOVOLTAIQUES**
[72] THAKRE, PIYUSH R., US
[72] NAMJOSHI, ABHIJIT A., US
[72] TUDOR, JAY M., US
[72] LANGMAID, JOSEPH A., US
[72] KAUFFMAN, KEITH L., US
[72] LOPEZ, LEONARDO C., US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[85] 2017-04-28
[86] 2015-08-03 (PCT/US2015/043355)
[87] (WO2016/076926)
[30] US (62/079,157) 2014-11-13

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[13] A1
[51] **Int.Cl. H01B 13/012 (2006.01) H05K 13/06 (2006.01)**
[25] EN
[54] **WIRE HARNESS ASSEMBLY SYSTEM**
[54] **SYSTEME DE MONTAGE DE FAISCEAU ELECTRIQUE**
[72] ROULEAU, RODNEY, US
[72] NEBES, JANINA B., US
[72] KOSSAK, ROBERT W., US
[71] PANDUIT CORP., US
[85] 2017-04-28
[86] 2015-10-16 (PCT/US2015/055906)
[87] (WO2016/069291)
[30] US (62/073,665) 2014-10-31
[30] US (62/158,880) 2015-05-08
[30] US (14/884,240) 2015-10-15

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[72] KOSSAK, ROBERT W., US
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[54] **SYSTEMS AND METHODS FOR AUTOMATIC DEVICE DETECTION, DEVICE MANAGEMENT, AND REMOTE ASSISTANCE**
[54] **SYSTEMES ET PROCEDES DE DETECTION AUTOMATIQUE DE DISPOSITIF, DISPOSITIF DE GESTION, ET ASSISTANCE A DISTANCE**
[72] CEBERE, BOGDAN-CONSTANTIN, RO
[72] MIRCESCU, DANIEL-ALEXANDRU, RO
[71] BITDEFENDER IPR MANAGEMENT LTD, CY
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[54] **APPAREIL DE TRANSMISSION ET APPAREIL DE RECEPTION, ET PROCEDE DE TRAITEMENT DE SIGNAUX ASSOCIE**
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[72] HWANG, SUNG-HEE, KR
[71] SAMSUNG ELECTRONICS CO., LTD., KR
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[54] **SYSTEME D'ELIMINATION CELLULAIRE JETABLE**
[72] NEWBOLD, DAVID DIXON, US
[72] PEPPER, CLINTON BOYD, US
[72] HANSEN, DAVID ANDREW, US
[71] BEND RESEARCH INC., US
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[54] **PROCESS FOR THE TREATMENT OF WASTE PRODUCTS, IN PARTICULAR, DEPURATION SLUDGES**
[54] **PROCEDE DE TRAITEMENT DE PRODUITS DE DECHETS, NOTAMMENT, DES BOUES DE DEPURATION**
[72] MARINI, ROBERTO, IT
[71] NEWLISI S.P.A., IT
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[54] **BINDING MEMBERS FOR HUMAN C-MAF**
[54] **ELEMENTS DE LIAISON POUR C-MAF HUMAIN**
[72] GOMIS, ROGER, ES
[72] TERCERO, JUAN CARLOS, ES
[71] INBIOMOTION S.L., ES
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[54] **SYSTEM AND METHOD FOR INTRA PREDICTION IN VIDEO CODING**
[54] **SYSTEME ET PROCEDE POUR PREDICTION INTRA DANS UN CODAGE VIDEO**
[72] BUDAGAVI, MADHUKAR, US
[71] SAMSUNG ELECTRONICS CO., LTD., KR
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[72] MOON, YOUNG-CHAN, KR
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[72] RYU, CHI-BACK, KR
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[54] **AUTO-CONFIGURATION OF WIRELESS NETWORK EXTENDER**
[54] **AUTOCONFIGURATION D'EXTENSEUR DE RESEAU SANS FIL**
[72] CARTER, WADE E., US
[72] NEGAHDAR, ALI, US
[72] LUMBATIS, KURT ALAN, US
[72] LYDA, ANGELA, US
[71] ARRIS ENTERPRISES LLC, US
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[54] **PROVISIONING PLATFORM FOR MACHINE-TO-MACHINE DEVICES**
[54] **PLATEFORME D'APPROVISIONNEMENT POUR DISPOSITIFS DE MACHINE A MACHINE**
[72] PRAKASH, GYAN, US
[72] GADDAM, AJIT, US
[72] AISSI, SELIM, US
[71] VISA INTERNATIONAL SERVICE ASSOCIATION, US
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[54] **NON-HUMAN ANIMALS HAVING A HUMANIZED CLUSTER OF DIFFERENTIATION 47 GENE**
[54] **ANIMAUX NON HUMAINS POSSEDANT UN GENE CD47 HUMANISE**
[72] GURER, CAGAN, US
[72] IOFFE, ELLA, US
[72] MUJICA, ALEXANDER, US
[72] THURSTON, GAVIN, US
[71] REGENERON PHARMACEUTICALS, INC., US
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[54] **STENT-GREFFE ENDOVASCULAIRE AVEC TUBE LATERAL RESISTANT A LA FATIGUE**
[72] MARMUR, YANIV, IL
[72] NAE, NIR SHALOM, IL
[72] SHALEV, ALON, IL
[71] ENDOSPAN LTD., IL
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[54] **FLAVOR COMPOSITIONS AND PET FOOD PRODUCTS CONTAINING THE SAME**
[54] **COMPOSITIONS AROMATISANTES ET PRODUITS ALIMENTAIRES POUR ANIMAUX DE COMPAGNIE LES CONTENANT**
[72] MCGRANE, SCOTT JOSEPH, GB
[72] TAYLOR, ANDREW JOHN, GB
[72] FINE, RICHARD MASTEN, US
[72] SKILES, JERRY WALLACE, US
[71] MARS, INCORPORATED, US
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[54] **METHODS FOR MODULATING TASTE RECEPTORS**
[54] **METHODES DE MODULATION DES RECEPTEURS DU GOUT**
[72] MCGRANE, SCOTT JOSEPH, GB
[72] TAYLOR, ANDREW JOHN, GB
[72] FINE, RICHARD MASTEN, US
[72] KLEBANSKY, BORIS, US
[72] GIBBS, MATTHEW RONALD, GB
[71] MARS, INCORPORATED, US
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[54] **SYSTEME DE VIDANGE DE CUVE DE CONFINEMENT**
[72] HARRIS, SCOTT G., US
[71] NUSCALE POWER, LLC, US
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[54] **NUCLEAR MAGNETIC RESONANCE APPARATUS, SYSTEMS, AND METHODS**
[54] **APPAREIL A RESONANCE MAGNETIQUE NUCLEAIRE, SYSTEMES ET PROCEDES**
[72] JACHMANN, REBECCA CORINA, US
[72] LI, LILONG, US
[72] REIDERMAN, ARCADY, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **NANOPARTICULE A CHANGEMENT DE PHASE**
[72] HOF, RAPHAEL, IL
[72] KHANDADASH, RAZ, IL
[72] FREMDER, ELLA, IL
[71] NEW PHASE LTD., IL
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[54] **NON-HUMAN ANIMALS HAVING A HUMANIZED CLUSTER OF DIFFERENTIATION 274 GENE**
[54] **ANIMAUX NON-HUMAINS PRESENTANT UN GROUPE DE GENE GROUPE DE DIFFERENCIATION 274 HUMANISE**
[72] BUROVA, ELENA, US
[72] TANG, YAJUN, US
[72] LAI, KA-MAN VENUS, US
[72] MURPHY, ANDREW J., US
[71] REGENERON PHARMACEUTICALS, INC., US
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[54] **ARCHITECTURE MODULAIRE POUR SYSTEMES DE COLLECTE DE FRAIS DE TRANSPORT**
[72] HILTON, MICHAEL, US
[72] MISTRY, PRADIP, US
[72] BUSCH-SORENSEN, KATARZYNA, US
[71] CUBIC CORPORATION, US
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[54] **DETECTION DE TENSION COTE CHARGE POUR COMPTEUR D'ELECTRICITE**
[72] RAMIREZ, ANIBAL DIEGO, US
[71] LANDIS+GYR, INC., US
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[25] FR
[54] **BASIC MODULE FOR MAGNETIC CORE OF AN ELECTRICAL TRANSFORMER, MAGNETIC CORE COMPRISING SAID BASIC MODULE, METHOD FOR MANUFACTURING SAID MAGNETIC CORE, AND TRANSFORMER COMPRISING SAID MAGNETIC CORE**
[54] **MODULE ELEMENTAIRE DE NOYAU MAGNETIQUE DE TRANSFORMATEUR ELECTRIQUE, NOYAU MAGNETIQUE LE COMPORTANT ET SON PROCEDE DE FABRICATION, ET TRANSFORMATEUR LE COMPORTANT**
[72] WAECKERLE, THIERRY, FR
[72] DEMIER, ALAIN, FR
[71] APERAM, LU
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[54] **NOUVEAUX DISPOSITIFS FAVORISANT LA CICATRISATION**
[72] SOO, B. CHIA, US
[72] TING, KANG, US
[72] ZHENG, ZHONG, US
[72] WU, BENJAMIN, US
[72] ZHANG, YULONG, US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
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[54] **DETECTION A FIBRE OPTIQUE**
[72] ANDREW, LEWIS, GB
[71] OPTASENSE HOLDINGS LIMITED, GB
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[54] **SYSTEME ET PROCEDE DE MODELISATION ELASTOSTATIQUE DE LA PHYSIQUE DES ROCHES ET DE MODELISATION GEOMECANIQUE**
[72] STEFANI, JOSEPH PAUL, US
[71] CHEVRON U.S.A. INC., US
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[25] EN
[54] **PROCESS FOR MANIPULATING THE LEVEL OF GLYCAN CONTENT OF A GLYCOPROTEIN**
[54] **PROCEDE DE MANIPULATION DU TAUX DE CONTENU DE GLYCANE D'UNE GLYCOPROTEINE**
[72] LEISKE, DANIEL R., US
[72] TRENTALANGE, MICHAEL T., US
[71] AMGEN INC., US
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[54] **BACON PRODUCTS AND METHODS OF MAKING SAME**
[54] **PRODUITS DE LARD ET LEURS PROCEDES DE FABRICATION**
[72] PALMER, ANDREW A., US
[72] WILKE, DANIEL B., US
[72] SCHNELL, TIMOTHY D., US
[72] GLYNN, RANDALL J., US
[71] KRAFT FOODS GROUP BRANDS LLC, US
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[25] FR
[54] **CARTILAGE GEL FOR CARTILAGE REPAIR, COMPRISING CHITOSAN AND CHONDROCYTES**
[54] **GEL DE CARTILAGE POUR LA REPARATION CARTILAGINEUSE, COMPRENANT DU CHITOSANE ET DES CHONDROCYTES**
[72] HAZOT, PASCALE, FR
[72] MALLEIN GERIN, FREDERIC, FR
[71] ADVANCED CHITOSAN SOLUTIONS BIOTECH, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
[71] UNIVERSITE CLAUDE BERNARD LYON 1, FR
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[54] **METHODS AND COMPOSITIONS USING KLOTHO VARIANT POLYPEPTIDES**
[54] **PROCEDES ET COMPOSITIONS EMPLOYANT DES POLYPEPTIDES VARIANTS DE KLOTHO**
[72] GUO, DONGLIN, US
[72] IBEBUNJO, CHIKWENDU, US
[71] NOVARTIS AG, CH
[85] 2017-05-30
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[25] EN
[54] **CELL AND TISSUE CULTURE CONTAINER**
[54] **RECIPIENT POUR CULTURE CELLULAIRE ET TISSULAIRE**
[72] BLAHUT, ERIC, US
[71] HISTOGENICS CORPORATION, US
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[54] **MATERIAU DE CARBONE ET PROCEDE ASSOCIE**
[72] IMASHIRO, YASUO, JP
[72] KOBAYASHI, RIEKO, JP
[72] OSUGA, NORIKO, JP
[72] OZAKI, JUN-ICHI, JP
[72] KUJIRAI, HIROTAKA, JP
[72] KOBAYASHI, SETSURA, JP
[71] NISSHINBO HOLDINGS INC., JP
[71] NATIONAL UNIVERSITY CORPORATION GUNMA UNIVERSITY, JP
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[54] **MONITORING OF A DEVICE HAVING A MOVABLE PART**
[54] **CONTROLE D'UN DISPOSITIF COMPORTANT UNE PARTIE MOBILE**
[72] KOZIONOV, ALEXEY PETROVICH, RU
[72] MANGUTOV, OLEG VLADIMIROVICH, RU
[72] MOKHOV, ILYA IGOREVICH, RU
[71] SIEMENS AKTIENGESELLSCHAFT, DE
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[54] **ENZYME-LINKED IMMUNOSORBENT ASSAY (ELISA) FOR THE DETECTION OF ANTI-MYCOPLASMA HYORHINIS IGG IN SWINE SERUM**
[54] **ESSAI D'IMMUNOABSORPTION ENZYMATIQUE (ELISA) POUR LA DETECTION D'IGG ANTI-MYCOPLASMA HYORHINIS DANS LE SERUM PORCIN**
[72] LAWRENCE, PAULRAJ, US
[72] BEY, RUSSELL F., US
[72] STOLL, MIKE, US
[72] BUMGARDNER, ERIC, US
[72] STINE, DOUGLAS, US
[71] MERIAL, INC., US
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[54] **ADAPTIVE HANDLING OF OPERATING DATA**
[54] **GESTION ADAPTATIVE DE DONNEES DE FONCTIONNEMENT**
[72] MCELHINNEY, ADAM, US
[72] CIASULLI, JOHN, US
[72] HORRELL, MICHAEL, US
[71] UPTAKE TECHNOLOGIES, INC., US
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[51] **Int.Cl. G01D 18/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR ON-SITE MEASUREMENT APPARATUS CALIBRATION**
[54] **SYSTEME ET PROCEDE POUR L'ETALONNAGE D'UN APPAREIL DE MESURE SUR SITE**
[72] LAFLEN, JOHN BRANDON, US
[72] VOGEL, JOHN ANTHONY, US
[72] WIK, STEVEN WILLIAM, US
[72] POLISHCHUK, YAKOV, US
[72] BROOKSBY, GLEN WILLIAM, US
[71] GENERAL ELECTRIC COMPANY, US
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[54] **PROCESS FOR MAKING ACRYLIC ACID FROM DEXTROSE**
[54] **PROCEDE DE FABRICATION D'ACIDE ACRYLIQUE A PARTIR DE DEXTROSE**
[72] BINDER, THOMAS, US
[72] HILALY, AHMAD K., US
[72] SUDHARSAN, NAVEEN S., US
[72] MANI, KRIS N., US
[72] SCHULTZ, MITCHELL JO, US
[71] ARCHER DANIELS MIDLAND COMPANY, US
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[25] EN
[54] **APPARATUS, SYSTEMS AND METHODS FOR IMPROVING VISUAL OUTCOMES FOR PSEUDOPHAKIC PATIENTS**
[54] **APPAREIL, SYSTEMES ET PROCEDES POUR AMELIORER DES RESULTATS VISUELS POUR DES PATIENTS PSEUDOPHAQUES**
[72] ALARCON HEREDIA, AIXA, NL
[72] CANOVAS VIDAL, CARMEN, NL
[72] ROSEN, ROBERT, NL
[72] WEEBER, HENK A., NL
[72] PIERS, PATRICIA ANN, NL
[71] AMO GRONINGEN B.V., NL
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[54] **GUIDE RNA WITH CHEMICAL MODIFICATIONS**
[54] **ARN GUIDE COMPORTANT DES MODIFICATIONS CHIMIQUES**
[72] RYAN, DANIEL E., US
[72] DELLINGER, DOUGLAS J., US
[72] SAMPSON, JEFFREY R., US
[72] KAISER, ROBERT, US
[72] MYERSON, JOEL, US
[71] AGILENT TECHNOLOGIES, INC., US
[85] 2017-06-02
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[25] EN
[54] **APPARATUS FOR AND METHOD OF ESTIMATING DIMENSIONS OF AN OBJECT ASSOCIATED WITH A CODE IN AUTOMATIC RESPONSE TO READING THE CODE**
[54] **APPAREIL ET PROCEDE D'ESTIMATION DE DIMENSIONS D'UN OBJET ASSOCIE A UN CODE EN REPONSE AUTOMATIQUE A LA LECTURE DU CODE**
[72] WILLIAMS, JAY J., US
[72] O'CONNELL, KEVIN J., US
[72] PATEL, ANKUR R., US
[72] TASKIRAN, CUNEYT M., US
[71] SYMBOL TECHNOLOGIES, LLC, US
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[25] EN
[54] **METHOD AND DEVICE FOR DETECTING AN OVERHEAD CABLE FROM AN AERIAL VESSEL**
[54] **PROCEDE ET DISPOSITIF POUR LA DETECTION D'UN CABLE AERIEN DEPUIS UN ENGIN AERIEN**
[72] BARIKMO, AASMUND, NO
[72] SOMMERFELT, ARNE, NO
[71] KLEON PROSJEKT AS, NO
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[25] EN
[54] **LOW FREQUENCY SEISMIC ACQUISITION METHOD AND APPARATUS**
[54] **PROCEDE ET APPAREIL D'ACQUISITION SISMIQUE BASSE FREQUENCE**
[72] BRENDERS, ANDREW JAMES, US
[72] DELLINGER, JOSEPH ANTHONY, US
[72] ETGEN, JOHN THEODORE, US
[72] OPENSHAW, GRAHAM, US
[72] ROSS, ALLAN, US
[71] BP CORPORATION NORTH AMERICA INC., US
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[25] EN
[54] **METHOD AND APPARATUS FOR SIMULTANEOUS SWEEPING AND HUMMING SEISMIC ACQUISITION**
[54] **PROCEDE ET APPAREIL PERMETTANT L'ACQUISITION SIMULTANEE DE BALAYAGE ET DE RESONANCE SISMIQUE**
[72] BRENDERS, ANDREW JAMES, US
[72] DELLINGER, JOSEPH ANTHONY, US
[72] OPENSHAW, GRAHAM, US
[71] BP CORPORATION NORTH AMERICA INC., US
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[25] EN
[54] **ELECTRICAL NETWORK TOPOLOGY DETERMINATION**
[54] **DETERMINATION DE TOPOLOGIE DE RESEAU ELECTRIQUE**
[72] DRISCOLL, TIMOTHY JAMES, US
[72] VAN WYK, HARTMAN, US
[72] SONDEREGGER, ROBERT, US
[72] HIGGINS, CHRIS, US
[71] ITRON GLOBAL SARL, US
[85] 2017-06-02
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[25] EN
[54] **CS1 TARGETED CHIMERIC ANTIGEN RECEPTOR-MODIFIED T CELLS**
[54] **CELLULES T MODIFIEES PAR UN RECEPTEUR D'ANTIGENE CHIMERIQUE CIBLE SUR CS1**
[72] FORMAN, STEPHEN J., US
[72] WANG, XIULI, US
[71] CITY OF HOPE, US
[71] FORMAN, STEPHEN J., US
[85] 2017-06-02
[86] 2015-12-07 (PCT/US2015/064303)
[87] (WO2016/090369)
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[25] EN
[54] **BACTERIA ENGINEERED TO TREAT DISEASES ASSOCIATED WITH HYPERAMMONEMIA**
[54] **BACTERIES MODIFIEES POUR TRAITER DES MALADIES ASSOCIEES A L'HYPERAMMONIEMIE**
[72] FALB, DEAN, US
[72] ISABELLA, VINCENT M., US
[72] KOTULA, JONATHAN W., US
[72] MILLER, PAUL F., US
[71] SYNLOGIC, INC., US
[85] 2017-06-02
[86] 2015-12-04 (PCT/US2015/064140)
[87] (WO2016/090343)
[30] US (62/087,854) 2014-12-05
[30] US (62/103,513) 2015-01-14
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[30] US (62/256,039) 2015-11-16
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[25] EN
[54] **ANIMAL FEED SUPPLEMENT AND METHOD**
[54] **COMPLEMENT ALIMENTAIRE POUR ANIMAUX ET PROCEDE ASSOCIE**
[72] VAN DEN BOSCH, MONIEK, NL
[72] VAN WESEL, AD, NL
[71] CAN TECHNOLOGIES, INC., US
[85] 2017-06-02
[86] 2015-12-07 (PCT/US2015/064293)
[87] (WO2016/090366)
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[51] **Int.Cl. A61F 2/40 (2006.01) A61F 2/30 (2006.01)**
[25] EN
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[54] **GLENOIDE HYBRIDE CHEVILLE EN LIGNE**
[72] TAYLOR, ROBERT, US
[72] JOSEPH, BENJAMIN L., US
[72] VANASSE, THOMAS M., US
[71] BIOMET MANUFACTURING, LLC, US
[85] 2017-06-02
[86] 2015-11-23 (PCT/US2015/062070)
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[25] EN
[54] **GAMMADELTA T CELL EXPANSION PROCEDURE**
[54] **PROCEDURE D'EXPANSION DE LYMPHOCYTES T GAMMADELTA**
[72] MAHER, JOHN, GB
[72] PARENTE PEREIRA PURI, ANA CATARINA, GB
[72] BEATSON, RICHARD ESMOND, GB
[71] KING'S COLLEGE LONDON, GB
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[25] EN
[54] **CARBON COMPOSITES HAVING HIGH THERMAL CONDUCTIVITY, ARTICLES THEREOF, AND METHODS OF MANUFACTURE**
[54] **COMPOSITES CARBONES AYANT UNE CONDUCTIVITE THERMIQUE ELEVEE, LEURS ARTICLES ET PROCEDES DE FABRICATION**
[72] ZHAO, LEI, US
[72] XU, ZHIYUE, US
[71] BAKER HUGHES INCORPORATED, US
[85] 2017-06-05
[86] 2015-11-10 (PCT/US2015/059873)
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[51] **Int.Cl. C01B 32/00 (2017.01) C01B 32/30 (2017.01) C01B 32/312 (2017.01) C01B 32/354 (2017.01) C02F 1/28 (2006.01) C04B 35/524 (2006.01)**
[25] EN
[54] **A NOVEL METHOD FOR CARBONIZING LIGNOCELLUOSIC MATERIAL AS A POWDER**
[54] **NOUVEAU PROCEDE DE CARBONISATION DE MATIERE LIGNOCELLULOSIQUE SOUS FORME DE POUDRE**
[72] WALTER, STEPHAN, SE
[72] GAROFF, NIKLAS, SE
[71] STORA ENSO OYJ, FI
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[87] (WO2016/092511)
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[51] **Int.Cl. G01S 5/14 (2006.01) H04W 4/04 (2009.01)**
[25] FR
[54] **ELECTRONIC DEVICE FOR THE NEAR LOCATING OF A TERRESTRIAL OBJECT, AND METHOD OF LOCATING SUCH AN OBJECT**
[54] **DISPOSITIF ELECTRONIQUE POUR LA LOCALISATION PROCHE D'UN OBJET TERRESTRE, ET PROCEDE DE LOCALISATION D'UN TEL OBJET**
[72] ROQUEL, ARNAUD, FR
[71] ROQUEL, ARNAUD, FR
[85] 2017-06-02
[86] 2015-12-04 (PCT/FR2015/053320)
[87] (WO2016/087794)
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[51] **Int.Cl. A61L 27/04 (2006.01) A61L 27/30 (2006.01) A61L 27/54 (2006.01) C01D 15/00 (2006.01) C01F 5/00 (2006.01)**
[25] EN
[54] **ULTRAHIGH DUCTILITY, NOVEL MG-LI BASED ALLOYS FOR BIOMEDICAL APPLICATIONS**
[54] **NOUVEAUX ALLIAGES A BASE DE MG-LI, A DUCTILITE ULTRA-ELEVEE, POUR APPLICATIONS BIOMEDICALES**
[72] KUMTA, PRASHANT N., US
[72] WU, JINGYAO, US
[72] VELIKOKHATNYI, OLEG, US
[71] UNIVERSITY OF PITTSBURGH-OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION, US
[85] 2017-06-05
[86] 2015-12-09 (PCT/US2015/064694)
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[51] **Int.Cl. C12N 9/88 (2006.01) C12N 1/21 (2006.01) C12N 15/60 (2006.01) C12N 15/63 (2006.01) C12P 7/02 (2006.01) C12P 7/24 (2006.01) C12P 7/40 (2006.01)**
[25] EN
[54] **GENETICALLY MODIFIED PHENYLPYRUVATE DECARBOXYLASE, PROCESSES TO PREPARE, AND USES THEREOF**
[54] **PHENYLPYRUVATE DECARBOXYLASE GENETIQUEMENT MODIFIEE, PROCEDES POUR LA PREPARER ET UTILISATIONS DE CETTE DERNIERE**
[72] SANGHANI, PARESH C., US
[72] STOWERS, CHRISTOPHER C., US
[72] RODRIGUEZ, BRANDON A., US
[72] SHIUE, ERIC C., US
[72] GREENWALT, SCOTT A., US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[85] 2017-06-05
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[51] **Int.Cl. H01B 13/06 (2006.01) C04B 28/00 (2006.01) H01B 3/14 (2006.01) H01B 3/48 (2006.01) H01B 7/29 (2006.01)**
[25] FR
[54] **CABLE OR CABLE ACCESSORY COMPRISING A FIRE-RESISTANT LAYER**
[54] **CABLE OU ACCESSOIRE POUR CABLE COMPORTANT UNE COUCHE RESISTANTE AU FEU**
[72] GYPPAZ, FRANCK, FR
[72] AUVRAY, THIERRY, FR
[71] NEXANS, FR
[85] 2017-06-05
[86] 2015-12-08 (PCT/FR2015/053372)
[87] (WO2016/092200)
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[51] **Int.Cl. G03B 21/56 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS OF VIBRATING A SCREEN**
[54] **PROCEDES ET SYSTEMES PERMETTANT DE FAIRE VIBRER UN ECRAN**
[72] TREMBLAY, DENIS GILLES, CA
[72] ARIANA, GASHTASEB, CA
[71] IMAX THEATRES INTERNATIONAL LIMITED, IE
[85] 2017-06-06
[86] 2015-12-08 (PCT/IB2015/059446)
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[51] **Int.Cl. C07H 21/04 (2006.01) C07K 16/00 (2006.01) C12N 5/16 (2006.01) C12N 15/13 (2006.01) C12N 15/85 (2006.01) C12P 19/34 (2006.01) C12P 21/08 (2006.01)**
[25] EN
[54] **A METHOD FOR PRODUCING A RECOMBINANT ALLOTYPESPECIFIC RABBIT MONOCLONAL ANTIBODY**
[54] **PROCEDE DE PRODUCTION D'ANTICORPS MONOCLONAL DE LAPIN RECOMBINE SPECIFIQUE D'UN ALLOTYPE**
[72] COUTO, FERNANDO JOSE REBELO DO, GB
[71] ABCAM PLC, GB
[85] 2017-06-06
[86] 2015-12-10 (PCT/GB2015/053787)
[87] (WO2016/092315)
[30] GB (1422075.0) 2014-12-11

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[51] **Int.Cl. G01N 21/84 (2006.01) G06K 9/00 (2006.01) H01J 37/22 (2006.01) H01J 37/26 (2006.01)**
[25] EN
[54] **FOURIER PTYCHOGRAPHIC TOMOGRAPHY**
[54] **TOMOGRAPHIE PTYCHOGRAPHIQUE DE FOURIER**
[72] HORSTMEYER, ROARKE W., US
[72] YANG, CHANGHUEI, US
[71] CALIFORNIA INSTITUTE OF TECHNOLOGY, US
[85] 2017-06-06
[86] 2016-01-21 (PCT/US2016/014343)
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[30] US (62/106,133) 2015-01-21

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[51] **Int.Cl. B23K 9/10 (2006.01) B23K 9/32 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR PROVIDING A WELDING SYSTEM ACCESS TO A NETWORK VIA POWER LINES**
[54] **SYSTEMES ET PROCEDES POUR LA FOURNITURE D'ACCES D'UN SYSTEME DE SOUDAGE A UN RESEAU PAR L'INTERMEDIAIRE DE LIGNES DE TRANSPORT D'ENERGIE**
[72] DENIS, MARC LEE, US
[71] ILLINOIS TOOL WORKS INC., US
[85] 2017-06-07
[86] 2015-10-18 (PCT/US2015/056125)
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[30] US (14/575,825) 2014-12-18

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[51] **Int.Cl. B23C 5/20 (2006.01) B23C 5/06 (2006.01)**
[25] EN
[54] **RAMPING INSERT AND HIGH-FEED MILLING TOOL ASSEMBLY**
[54] **INSERT EN RAMPE ET ENSEMBLE OUTIL DE FRAISAGE A VITESSE ELEVEE**
[72] HECHT, GIL, IL
[72] DAGAN, DANNY, IL
[71] ISCAR LTD., IL
[85] 2017-06-07
[86] 2015-11-29 (PCT/IL2015/051162)
[87] (WO2016/103248)
[30] US (14/580,821) 2014-12-23

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[51] **Int.Cl. B23K 9/10 (2006.01) B23K 9/00 (2006.01) H04B 3/54 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR MEASURING CHARACTERISTICS OF A WELDING CABLE**
[54] **SYSTEMES ET PROCEDES DE MESURE DES CARACTERISTIQUES D'UN CABLE DE SOUDAGE**
[72] DENIS, MARC LEE, US
[71] ILLINOIS TOOL WORKS INC., US
[85] 2017-06-07
[86] 2015-10-18 (PCT/US2015/056127)
[87] (WO2016/099642)
[30] US (14/575,671) 2014-12-18

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[51] **Int.Cl. B23K 9/10 (2006.01) B23K 9/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR DUPLEX COMMUNICATIONS OVER A WELDING CABLE**
[54] **SYSTEMES ET PROCEDES DE COMMUNICATION DUPLEX PAR LE BIAIS D'UN CABLE DE SOUDAGE**
[72] DENIS, MARC LEE, US
[71] ILLINOIS TOOL WORKS INC., US
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[54] **STRUCTURE DE PROTECTION POUR CARTOUCHE DE RASOIR**
[72] EAGLETON, CHRISTOPHER RAYMOND, GB
[72] HAWES, CHRISTOPHER MARTIN, GB
[71] THE GILLETTE COMPANY LLC, US
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[54] **METHOD FOR SCREENING FOR BIOACTIVE NATURAL PRODUCTS**
[54] **PROCEDE DE CRIBLAGE DE PRODUITS NATURELS BIOACTIFS**
[72] WILLIAMS, DAVID HUGH, GB
[72] WAIN, JOHN RICHARD, GB
[72] WOODS, STUART ROBERT, GB
[71] BACTEVO LIMITED, GB
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[54] **MACHINE FOR THE PRODUCTION OF ICE-CREAM AND HEAT EXCHANGE DEVICE USED IN SAID MACHINE**
[54] **MACHINE UTILISABLE EN VUE DE LA PRODUCTION DE CREME GLACEE ET DISPOSITIF D'ECHANGE THERMIQUE UTILISE DANS LADITE MACHINE**
[72] DE' LONGHI, GIUSEPPE, IT
[72] MORO, ANDREA, IT
[71] DE' LONGHI APPLIANCES S.R.L. CON UNICO SOCIO, IT
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[54] **MACHINE UTILISABLE EN VUE DE LA PRODUCTION DE CREME GLACEE ET DISPOSITIF D'ECHANGE THERMIQUE UTILISE DANS LADITE MACHINE**
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[54] **RECEPTEURS D'ANTIGENES CHIMERES ANTI-CD70**
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[72] YU, ZHIYA, US
[72] YANG, JAMES C., US
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[54] **ENERGY STORAGE CADDY FOR WELDING SYSTEM**
[54] **CHARIOT DE STOCKAGE D'ENERGIE POUR SYSTEME DE SOUDAGE**
[72] ALBRECHT, BRUCE PATRICK, US
[72] BUNKER, THOMAS ALLEN, US
[71] ILLINOIS TOOL WORKS INC., US
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[54] **METHOD FOR PREDICTING RESPONSE TO BREAST CANCER THERAPEUTIC AGENTS AND METHOD OF TREATMENT OF BREAST CANCER**
[54] **METHODE DE PREDICTION D'UNE REPONSE A DES AGENTS DE TRAITEMENT DU CANCER DU SEIN ET METHODE DE TRAITEMENT DU CANCER DU SEIN**
[72] PETERSON, AMY CHRISTIAN, US
[72] UPPAL, HIRDESH, US
[71] MEDIVATION PROSTATE THERAPEUTICS, INC., US
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[54] **SYNTHESE HAUTEMENT EFFICACE DE PETITS VOLUMES D'ACIDES NUCLEIQUES**
[72] POEHMERER, THOMAS, DE
[72] KUHN, PHILLIP, DE
[72] NOTKA, FRANK, DE
[72] ZEIDLER, ANDREAS, DE
[72] HEIL, KORBINIAN, DE
[72] TREFZER, AXEL, DE
[72] FONNUM, GEIR, NO
[72] KATZEN, FEDERICO, US
[72] ANDERSSON, KRISTIAN, SE
[72] LIANG, XIQUAN, US
[71] LIFE TECHNOLOGIES CORPORATION, US
[71] THERMO FISHER SCIENTIFIC GENEART GMBH, DE
[71] LIFE TECHNOLOGIES AS, NO
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[54] **VISUALIZATION OF WELLBORE CLEANING PERFORMANCE**
[54] **VISUALISATION DES PERFORMANCES DE NETTOYAGE DE PUITS DE FORAGE**
[72] MARLAND, CHRISTOPHER NEIL, US
[72] WILKES, JOHN, GB
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **PROBIOTIC STRAINS HAVING CHOLESTEROL ABSORBING CAPACITY, METHODS AND USES THEREOF**
[54] **SOUCHES PROBIOTIQUES AYANT UNE CAPACITE D'ABSORPTION DU CHOLESTEROL, METHODES ET UTILISATIONS CORRESPONDANTES**
[72] SANUDO OTERO, ANA ISABEL, ES
[72] CRIADO GARCIA, RAQUEL, ES
[72] RODRIGUEZ NOGALES, ALBA, ES
[72] GARACH DOMECH, ALBERTO, ES
[72] OLIVARES MARTIN, MONICA, ES
[72] GALVEZ PERALTA, JULIO JUAN, ES
[72] DE LA ESCALERA HUERSO, SANTIAGO, ES
[72] DUARTE PEREZ, JUAN MANUEL, ES
[72] ZARZUELO ZURITA, ANTONIO, ES
[72] BANUELOS HORTIGUELA, OSCAR, ES
[71] BIOSEARCH, S.A., ES
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[54] **DRILLING MEASUREMENT SYSTEMS AND METHODS**
[54] **SYSTEMES ET PROCEDES DE MESURE DE FORAGE**
[72] PARMESHWAR, VISHWANATHAN, US
[72] ZHENG, SHUNFENG, US
[72] TUNC, GOKTURK, US
[72] BRANNIGAN, JAMES, US
[71] SCHLUMBERGER CANADA LIMITED, CA
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[54] **SOUPAPE DE PROTECTION DE ROUE CHAUDE**
[72] GAUGHAN, EDWARD W., US
[72] POTTER, WILLIAM JOHN, US
[71] WESTINGHOUSE AIR BRAKE TECHNOLOGIES CORPORATION, US
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[25] EN
[54] **MACHINE FOR LASER WORKING OF TUBES AND PROFILED SECTIONS WITH A SCANNING SYSTEM FOR SCANNING THE TUBE OR PROFILED SECTION TO BE WORKED**
[54] **MACHINE POUR LE TRAVAIL AU LASER DE TUBES ET DE SECTIONS PROFILEES AVEC UN SYSTEME DE BALAYAGE POUR BALAYER LE TUBE OU LA SECTION PROFILEE A TRAVAILLER**
[72] GALVAGNINI, PAOLO, IT
[72] DALFOLLO, GIOVANNI, IT
[72] BENATTI, PAOLO, IT
[72] CEVASCO, LUCA, IT
[72] CENATI, CLAUDIO, IT
[72] MOLINARI TOSATTI, LORENZO, IT
[72] PARAZZOLI, DIEGO, IT
[71] ADIGE S.P.A., IT
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[25] FR
[54] **METHOD FOR REPAIRING A FAN CASING**
[54] **PROCEDE DE REPARATION D'UN CARTER DE SOUFFLANTE**
[72] DESREUMAUX, ANTOINE PATRICE MARIE, FR
[72] REGHEZZA, PATRICK JEAN-LOUIS, FR
[72] PEREZ, SEBASTIEN MARC JEAN-MICHEL, FR
[71] SAFRAN AIRCRAFT ENGINES, FR
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[54] **SEALING PLUG FOR CLOSING HOLES IN WALLS AND THE LIKE**
[54] **BOUCHON D'ETANCHEITE POUR LA FERMETURE D'ORIFICES DANS DES PAROIS ET ANALOGUES**
[72] ELDUAYEN MADARIAGA, JUAN ANDRES, ES
[72] SANCHEZ GARDUNO, JAVIER, ES
[71] 20 EMMA 20 S.L., ES
[71] HEGAIN 2100 CONSULTING S.L., ES
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[54] **MODIFIED DOOR OPENING OF A MOTORIZED VEHICLE FOR ACCOMMODATING A RAMP SYSTEM AND METHOD THEREOF**
[54] **OUVERTURE DE PORTE DE VEHICULE A MOTEUR MODIFIEE POUR L'ADAPTER A UN SYSTEME DE RAMPE, ET PROCEDE CORRESPONDANT**
[72] DOSENBACH, ERIC SAJED, US
[72] BARBER, TIMOTHY S., US
[72] PUGH, MICHAEL, US
[71] THE BRAUN CORPORATION, US
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[54] **COMPUTER-IMPLEMENTED SYSTEM AND METHOD FOR IDENTIFYING SIMILAR PATIENTS**
[54] **SYSTEME MIS EN Œ UVRE PAR ORDINATEUR ET PROCEDE PERMETTANT D'IDENTIFIER DES PATIENTS SIMILAIRES**
[72] SINGAL, GAURAV, US
[72] LANCELOTTA, MARY PAT, US
[71] FOUNDATION MEDICINE, INC., US
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[54] **DISPOSITIF ET PROCEDE POUR LE TRAITEMENT DE BOUE**
[72] BAUDEZ, JEAN-CHRISTOPHE, FR
[72] DANJOUX, FABRICE, FR
[72] DIEUDE-FAUVEL, EMILIE, FR
[72] MICLET, DENIS, FR
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[25] EN
[54] **NOVEL PI3K.GAMMA. INHIBITOR PEPTIDE FOR TREATMENT OF RESPIRATORY SYSTEM DISEASES**
[54] **NOUVEAU PEPTIDE INHIBITEUR DE .GAMMA. DE PI3K POUR LE TRAITEMENT DE MALADIES DU SYSTEME RESPIRATOIRE**
[72] HIRSCH, EMILIO, IT
[72] GHIGO, ALESSANDRA, IT
[71] KITHER BIOTECH S.R.L., IT
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[54] **IMMUNOMODULATION BY CONTROLLING ELR+ PROINFLAMMATORY CHEMOKINE LEVELS WITH THE LONG NON-CODING RNA UMLILO**
[54] **IMMUNOMODULATION PAR CONTROLE DES TAUX DE CHIMIOKINES PRO-INFLAMMATOIRES ELR+ AU MOYEN DU LONG ARN NON CODANT UMLILO**
[72] DALLA, EMILIANO, IT
[72] MHLANGA, MUSA M, ZA
[72] FANUCCHI, STEPHANIE, ZA
[72] SHIBAYAMA, YOUTARO, ZA
[71] CSIR, ZA
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[54] **CYTOTOXIC MOLECULES RESPONSIVE TO INTRACELLULAR LIGANDS FOR SELECTIVE T CELL MEDIATED KILLING**
[54] **MOLECULES CYTOTOXIQUES REAGISSANT A DES LIGANDS INTRACELLULAIRES POUR LA DESTRUCTION SELECTIVE MEDIEE PAR LES LYMPHOCYTES T**
[72] CHEN, YVONNE Y., US
[72] HO, PATRICK, US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[85] 2017-06-15
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[54] **FUNGAL GENOME MODIFICATION SYSTEMS AND METHODS OF USE**
[54] **SYSTEMES DE MODIFICATION DU GENOME DE CHAMPIGNON ET LEURS PROCEDES D'UTILISATION**
[72] BOWER, BENJAMIN S., US
[72] CHAN, JIMMY, US
[72] GE, JING, US
[72] GU, XIAOGANG, US
[72] MADRID, SUSAN MAMPUSTI, US
[72] SONG, DANFENG, US
[72] SONG, MINGMIN, US
[72] WARD, MICHAEL, US
[71] DANISCO US INC., US
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[54] **IMMUNOMODULATORS**
[54] **IMMUNOMODULATEURS**
[72] MAPELLI, CLAUDIO, US
[72] GILLIS, ERIC P., US
[72] SUN, LI-QIANG, US
[72] ZHAO, QIAN, US
[72] ALLEN, MARTIN PATRICK, US
[72] MULL, ERIC, US
[72] SCOLA, PAUL MICHAEL, US
[71] BRISTOL-MYERS SQUIBB COMPANY, US
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[54] **FILM ALUMINIUM AUX PROPRIETES ETIRABLES**
[72] CHANDAK, SWAPNIL, US
[72] PATEL, RAJEN M., US
[72] GRIFFITH, WILLIAM B., US
[72] HIMMELBERGER, DANIEL W., US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[71] ROHM AND HAAS COMPANY, US
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[54] **MISPRIMING PREVENTION REAGENTS**
[54] **REACTIFS DE PREVENTION DU MESAMORCAGE**
[72] WANGH, LAWRENCE J., US
[72] PIERCE, KENNETH E., US
[72] SANCHEZ, JESUS A., US
[72] RICE, JOHN, US
[72] OVER, ALEXANDRA ISABEL KING, US
[72] OSBORNE, ADAM E., US
[71] BRANDEIS UNIVERSITY, US
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[30] US (62/094,597) 2014-12-19
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[54] **STABLE FROZEN HERPES SIMPLEX VIRUS FORMULATION**
[54] **FORMULATION DE VIRUS DE L'HERPES SIMPLEX CONGELEE STABLE**
[72] LITOWSKI, JENNIFER R., US
[72] SISKA, CHRISTINE CLAUDIA, US
[72] KERWIN, BRUCE ARTHUR, US
[71] AMGEN INC., US
[85] 2017-06-15
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[54] **VANNE POUR FLUIDE AVEC ENTREES ET SORTIES MULTIPLES**
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[72] LOIRE, PETER J., US
[71] EMERSON ELECTRIC CO., US
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[54] **SYSTEME DE MODULE DE BATTERIE**
[72] HUGHES, TIMOTHY E., US
[72] WANG, LINGCHANG, US
[72] AHMAD, ARFAN, CA
[71] A123 SYSTEMS, LLC, US
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[54] **METHODS AND COMPOSITIONS FOR TARGETED GENETIC MODIFICATION THROUGH SINGLE-STEP MULTIPLE TARGETING**
[54] **PROCEDES ET COMPOSITIONS POUR MODIFICATION GENETIQUE CIBLEE PAR CIBLAGE MULTIPLE EN UNE SEULE ETAPE**
[72] VORONINA, VERA, US
[72] MACDONALD, LYNN, US
[72] ZAMBROWICZ, BRIAN, US
[72] MURPHY, ANDREW J., US
[71] REGENERON PHARMACEUTICALS, INC., US
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[54] **CURABLE PARTIALLY FLUORINATED POLYMER COMPOSITIONS**
[54] **COMPOSITIONS DURCISSABLES DE POLYMERE PARTIELLEMENT FLUORE**
[72] GROOTAERT, WERNER M.A., US
[72] GUERRA, MIGUEL A., US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
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[54] **COMPOSITIONS DURCISSABLES DE POLYMERE PARTIELLEMENT FLUORE**
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[72] GUERRA, MIGUEL A., US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
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[54] **FUNGAL GENOME MODIFICATION SYSTEMS AND METHODS OF USE**
[54] **SYSTEMES DE MODIFICATION DU GENOME DE CHAMPIGNONS ET PROCEDES D'UTILISATION DESDITS SYSTEMES**
[72] BOWER, BENJAMIN S., US
[72] CHAN, JIMMY, US
[72] GE, JING, US
[72] GU, XIAOGANG, US
[72] KIM, STEVEN SUNGJIN, US
[72] MADRID, SUSAN MAMPUSTI, US
[72] SONG, DANFENG, US
[72] SONG, MINGMIN, US
[72] WARD, MICHAEL, US
[71] DANISCO US INC, US
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[54] **IMMUNOMODULATORS**
[54] **IMMUNOMODULATEURS**
[72] SUN, LI-QIANG, US
[72] ZHAO, QIAN, US
[72] GILLIS, ERIC P., US
[72] MILLER, MICHAEL MATTHEW, US
[72] ALLEN, MARTIN PATRICK, US
[72] MULL, ERIC, US
[72] SCOLA, PAUL MICHAEL, US
[71] BRISTOL-MYERS SQUIBB COMPANY, US
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[54] **COMPOSITIONS AND METHODS OF IMPROVING HYDRAULIC FRACTURE NETWORK**
[54] **COMPOSITIONS ET PROCEDES D'AMELIORATION D'UN RESEAU DE FRACTURES HYDRAULIQUES**
[72] GOMAA, AHMED M., US
[72] QU, QI, US
[72] SUN, HONG, US
[72] NELSON, SCOTT G., US
[71] BAKER HUGHES INCORPORATED, US
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[54] **FOLDABLE BED**
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[72] JOSANCY, LUC, FR
[71] BRUN, NICOLAS, FR
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[54] **METHODS AND SYSTEMS FOR ENHANCING COOLING POND PERFORMANCE AND SALT PRODUCTION IN A SOLUTION MINING OPERATION**
[54] **PROCEDES ET SYSTEMES D'AMELIORATION DES PERFORMANCES D'UN BASSIN DE REFROIDISSEMENT ET DE LA PRODUCTION DE SEL DANS UNE EXPLOITATION D'EXTRACTION PAR DISSOLUTION**
[72] JACOBSON, KATHLENE LAURIE, US
[72] SHAVER, GRANT, US
[72] BATTA, RUBEENA, US
[72] HEINBIGNER, CAREY, US
[72] SCHULTZ, MURRAY, US
[71] THE MOSAIC COMPANY, US
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[54] **METHOD FOR MANUFACTURING A TURBINE ENGINE BLADE INCLUDING A TIP PROVIDED WITH A COMPLEX WELL**
[54] **PROCEDE DE FABRICATION D'UNE AUBE DE TURBOMACHINE COMPORTANT UN SOMMET POURVU D'UNE BAIGNOIRE DE TYPE COMPLEXE**
[72] COYEZ, DOMINIQUE, FR
[72] BARIAUD, CHRISTIAN, FR
[72] BENICHOU, SAMI, FR
[72] HANNY, JEAN-CLAUDE MARCEL AUGUSTE, FR
[71] SAFRAN AIRCRAFT ENGINES, FR
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[54] **IMPROVED SWIRL BURNER WITH FUEL INJECTION UPSTREAM AND DOWNSTREAM OF THE SWIRLER**
[54] **BRULEUR A TOURBILLON AMELIORE A INJECTION DE CARBURANT EN AMONT ET EN AVAL DE LA COUPELLE ROTATIVE**
[72] SCHMIDT, MARTIN, GB
[72] BARNARD, PAUL, GB
[72] TOHER, TONY, GB
[71] CERES INTELLECTUAL PROPERTY COMPANY LIMITED, GB
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[54] **A WATERCRAFT**
[54] **EMBARCATION NAUTIQUE**
[72] CACCIA, ALEX, GB
[72] THOMAS, ADRIAN, GB
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[54] **THERMOPLASTIC POLYURETHANE COMPOSITION**
[54] **COMPOSITION DE POLYURETHANE THERMOPLASTIQUE**
[72] BERNABE, ROMINA MARIN, ES
[72] MAKAL, UMIT G., US
[72] LU, QIWEI, US
[71] LUBRIZOL ADVANCED MATERIALS, INC., US
[85] 2017-06-16
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[54] **LUBRICATING MEMBERS HAVING HYDROPHOBIC COMPONENTS FOR RAZOR CARTRIDGES**
[54] **ELEMENTS LUBRIFIANTS AYANT DES COMPOSANTS HYDROPHOBES POUR CARTOUCHES DE RASOIR**
[72] MOLONEY, MICHAEL JOHN, US
[72] HAINES, CHRISTOPHER, US
[72] STEPHENS, ALISON FIONA, GB
[72] BRADFORD, VALERIE JEAN, US
[72] SEROUT, ADRIEN LOIC, BE
[71] THE GILLETTE COMPANY LLC, US
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[25] EN
[54] **COMPOSITIONS AND METHODS FOR EFFICIENT GENE EDITING IN E. COLI USING GUIDE RNA/CAS ENDONUCLEASE SYSTEMS IN COMBINATION WITH CIRCULAR POLYNUCLEOTIDE MODIFICATION TEMPLATES**
[54] **COMPOSITIONS ET PROCEDES POUR L'EDITION DE GENES EFFICACE DANS E COLI AU MOYEN DE SYSTEMES D'ARN GUIDE/ENDONUCLEASE CAS EN COMBINAISON AVEC DES MATRICES DE MODIFICATION DE POLYNUCLEOTIDE CIRCULAIRE**
[72] FRISCH, RYAN L., US
[72] JACKSON, ETHEL NOLAND, US
[71] E. I. DU PONT DE NEMOURS AND COMPANY, US
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[25] EN
[54] **POLY(OXYALKYLENE) POLYMER PROCESSING ADDITIVE, COMPOSITIONS, AND METHODS**
[54] **ADDITIF, COMPOSITIONS ET PROCEDES DE TRAITEMENT A BASE DE POLYMERE DE POLY(OXYALKYLENE)**
[72] LAVALLEE, CLAUDE, US
[72] MAMUN, SHIREEN A., US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
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[54] **MICROBIAL TRANSGLUTAMINASES, SUBSTRATES THEREFOR AND METHODS FOR THE USE THEREOF**
[54] **TRANSGLUTAMINASES MICROBIENNES, SUBSTRATS POUR CELLES-CI ET PROCEDES POUR LES UTILISER**
[72] ALBERT, THOMAS, US
[72] BERGMANN, FRANK, DE
[72] LYAMICHEV, VICTOR, US
[72] PATEL, JIGAR, US
[72] SCHAEML, MICHAEL, DE
[72] STEFFEN, WOJTEK, DE
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[25] EN
[54] **LIQUID DETERGENT COMPOSITION**
[54] **COMPOSITION DE DETERGENT LIQUIDE**
[72] BRAECKMAN, KARL GHISLAIN, BE
[72] VAN OVERSTRAETE, BJORN, BE
[71] THE PROCTER & GAMBLE COMPANY, US
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[54] **ARTICLE COMPOSITE**
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[72] JEFFERIS, JESSE, US
[72] HANLEY, STEPHEN J., US
[72] GILLICK, JAMES G., US
[72] BRACE, LAUREN ELIZABETH, US
[71] BASF SE, DE
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[25] EN
[54] **CPVC PIPE HAVING IMPROVED RESISTANCE TO ENVIRONMENTAL STRESS CRACKING**
[54] **TUBE EN CPVC A RESISTANCE AMELIOREE A LA FISSURATION SOUS CONTRAINTE DANS UN ENVIRONNEMENT DONNE**
[72] ZOOK, CHRISTOPHER D., US
[72] JULIUS, MARK D., US
[71] LUBRIZOL ADVANCED MATERIALS, INC., US
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[25] EN
[54] **A SPATIALLY CONTROLLABLE EDUCTOR FOR MANAGING SOLID ADDITIVES AND PROCESSES USING SAME**
[54] **EJECTEUR SPATIALEMENT REGLABLE POUR LA GESTION D'ADDITIFS SOLIDES ET PROCEDES UTILISANT CELUI-CI**
[72] YOUNG, CHRISTOPHER MICHAEL, US
[72] WANG, FEI, US
[72] BARNHOLTZ, STEVEN LEE, US
[72] EROGLU, HASAN, US
[72] STEWART, EDWIN ARTHUR, US
[72] MCKIBBEN, JOHN FERNEY, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2017-06-16
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[25] EN
[54] **RESTORATION OF MALE FERTILITY IN WHEAT**
[54] **RETABLISSEMENT DE LA FERTILITE MALE DANS LE BLE**
[72] CIGAN, ANDREW MARK, US
[72] SINGH, MANJIT, US
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
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[25] EN
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[54] **DISTRIBUTEUR AUTOMATIQUE DE SERVIETTES**
[72] CASE, ABBY C., US
[72] GENNRICH, DAVID JAMES, US
[72] LATHAM, STEPHEN ANDREW, US
[72] STRAHM, CHRISTOPHER TIMOTHY, US
[72] KALLSEN, KENT J., US
[72] CASPER, TED ALLEN, US
[71] GEORGIA-PACIFIC CONSUMER PRODUCTS LP, US
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[25] EN
[54] **ELECTROMAGNETIC WAVE FOOD PROCESSING SYSTEM AND METHODS**
[54] **SYSTEME ET PROCEDES DE TRANSFORMATION ALIMENTAIRE A ONDES ELECTROMAGNETIQUES**
[72] MOHAMMED, RASHEED, US
[72] WATTS, MARK ROBERT, US
[72] AUGUGLIARO, ALEXANDER LOUIS, US
[72] KELLER, SCOTT WAYNE, US
[71] CAMPBELL SOUP COMPANY, US
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[87] (WO2016/100539)
[30] US (62/093,244) 2014-12-17
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[25] EN
[54] **A FLYWHEEL ARRANGEMENT**
[54] **AGENCEMENT DE VOLANT D'INERTIE**
[72] MURPHY, GARY, GB
[71] HEPTRON POWER TRANSMISSION LIMITED, GB
[85] 2017-06-19
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[54] **ANTIBODIES THAT BIND HUMAN C6 AND USES THEREOF**
[54] **ANTICORPS QUI SE LIENT AU C6 HUMAIN ET UTILISATIONS DE CEUX-CI**
[72] BAAS, FRANK, NL
[72] VAN DIJK, MARC A., NL
[71] REGENESANCE B.V., NL
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[25] EN
[54] **ORAL CARE COMPOSITIONS AND METHODS OF USE**
[54] **COMPOSITIONS POUR SOINS BUCCAUX ET PROCEDES D'UTILISATION**
[72] JOSIAS, WILBENS, US
[72] ROBINSON, RICHARD, US
[72] PEPPERNEY, ADAM, US
[72] SMITH-WEBSTER, KIMDRA, US
[71] COLGATE-PALMOLIVE COMPANY, US
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[86] 2014-12-26 (PCT/US2014/072451)
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[25] EN
[54] **PACKAGE OF STACKED FIBROUS STRUCTURE SHEETS AND METHODS OF DISPENSING FROM SAME**
[54] **CONDITIONNEMENT DE FEUILLES A STRUCTURE FIBREUSE EMPILEES ET PROCEDES PERMETTANT DE DISTRIBUER A PARTIR DE CELUI-CI**
[72] BALDRIDGE, DEVIN WILLIAM, US
[72] MCNEIL, KEVIN BENSON, US
[72] MELLIN, GUSTAV ANDRE, US
[71] THE PROCTER & GAMBLE COMPANY, US
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[54] **COMPOSITIONS INHIBITRICES D'ENTARTRAGE ET PROCEDES D'UTILISATION**
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[72] ZHANG, LEI, US
[72] CYWAR, DOUGLAS, US
[72] CHEN, HAUNN-LIN TONY, US
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[54] **ARTICLE ADHESIF COMPRENANT UNE COUCHE D'APPRET A BASE DE POLYMETHACRYLATE ET SES PROCEDES DE FABRICATION**
[72] KLUGE, BRUCE D., US
[72] LIU, JUNKANG J., US
[72] WRIGHT, ROBIN E., US
[72] DIETZ, TIMOTHY M., US
[72] ISEMINGER, MELISSA A., US
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[54] **ECROU DE COLLIER ET PROCEDE D'ASSEMBLAGE DE COMBINAISON ECROU DE COLLIER-ECROU**
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[54] **VARIABLE LENGTH CONNECTING ROD AND VARIABLE COMPRESSION RATIO INTERNAL COMBUSTION ENGINE**
[54] **BIELLE A LONGUEUR VARIABLE ET MOTEUR A COMBUSTION INTERNE A TAUX DE COMPRESSION VARIABLE**
[72] EZAKI, SHUICHI, JP
[72] KIDOOKA, AKIO, JP
[72] KAMO, YOSHIRO, JP
[71] TOYOTO JIDOSHA KABUSHIKI KAISHA, JP
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[54] **BIELLE DE LONGUEUR VARIABLE ET MOTEUR A COMBUSTION INTERNE A TAUX DE COMPRESSION VARIABLE**
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[54] **SYSTEME ET PROCEDE POUR AMELIORER L'EFFICACITE DE FABRICATION PAR DETECTION D'UNE ACTIVITE D'OPERATEUR**
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[71] ILLINOIS TOOL WORKS INC., US
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[54] **SYSTEMES ET PROCEDES POUR IMAGER A LA FOIS LE CORPS VITRE ET LA RETINE**
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[72] REN, HUGANG, US
[71] NOVARTIS AG, CH
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[54] **SYSTEME DE PLANIFICATION DE PERFUSION DOTE D'UNE PRISE EN CHARGE DE DECISION CLINIQUE**
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[72] WILKOWSKE, ERIC, US
[71] SMITHS MEDICAL ASD, INC., US
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[54] **SEPARATION DE DOMAINES DE SECURITE A PLUSIEURS NIVEAUX UTILISANT UN PROCESSEUR A C□UR LOGICIEL INTEGRE DANS UNE FPGA**
[72] KLING, MATTHEW T., US
[72] HOCKENBURY, CLARK B., US
[72] BONN, JERROLD L., US
[72] BATALLER, SUSAN F., US
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[54] **PROCEDE DE FORMATION D'UNE RAINURE DANS UNE SURFACE D'UNE PLAQUE D'ACIER ET APPAREIL ASSOCIE**
[72] KWON, OH-YEOUL, KR
[72] PARK, HYUN-CHUL, KR
[72] KIM, JAE-KYOUM, KR
[72] LEE, WON-GUL, KR
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[72] WHALEN, SHAUN T., US
[72] GREGAR, PETER PAUL, US
[72] NATSCHKE, SCOTT LEE, US
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[54] **SYSTEMES DE RENFORT COMPOSITES ET LEURS PROCEDES DE FABRICATION**
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[72] MINNIKANTI, VENKATACHALA S., US
[72] FENOLI, CHRISTOPHER R., US
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[54] **MAILLON DEMONTABLE, ADAPTE NOTAMMENT A RACCORDER DEUX CHAINES POUR L'ANCRAGE AU SOL D'UNE INSTALLATION FLOTTANTE**
[72] BUSSON, PHILIPPE, FR
[71] NOV-BLM, FR
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[54] **LUMINAIRES EXTERIEURS ET REVERBERES A DEL**
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[72] BISCHOF, CHRISTIAN, DE
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[54] **COMPOSITIONS ET METHODES POUR LE TRAITEMENT D'UNE INFLAMMATION ET DE LA DOULEUR**
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[71] CELLIX BIO PRIVATE LIMITED, IN
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[54] **METHODE DE TRANSMISSION DE DONNEES SANS FIL VERS UNE TETE DE LECTURE MAGNETIQUE, TERMINAL DE COMMUNICATION ET PROGRAMME CORRESPONDANT**
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[72] ARDILA, GERMAN, US
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[54] **CONFIGURATION DE CONVERSION DE TETE DE PUITS POUR DISPOSITIF DE SUSPENSION DE TUBAGE ET PROCEDE DE COMPLETION D'UN PUITS A L'AIDE DE LADITE CONFIGURATION**
[72] BUSSEAR, TERRY R., US
[72] EIDE, ROAR, US
[72] ROMARHEIM, VIDAR, US
[71] BAKER HUGHES, A GE COMPANY, LLC, US
[71] AKER SOLUTIONS INC., US
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[54] **COMPOSES CO-AGONISTES DE GIP ET DE GLP-1**
[72] ALSINA-FERNANDEZ, JORGE, US
[72] BOKVIST, BENGT KRISTER, US
[72] COSKUN, TAMER, US
[72] CUMMINS, ROBERT CHADWICK, US
[71] ELI LILLY AND COMPANY, US
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[54] **INJECTEUR A USAGE UNIQUE A SECURITE DE DECLENCHEMENT ACCRUE**
[72] FORGHANI, SARA, DE
[72] WORTMANN, UWE, DE
[72] HEUSER, KARSTEN, DE
[72] SPILGIES, HEIKO, DE
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[54] **PROCEDE CONTINU DE PREPARATION D'ETHYLENE GLYCOL A PARTIR D'UNE SOURCE DE GLUCIDES**
[72] VAN DER WAAL, JAN CORNELIS, NL
[72] GRUTER, GERARDUS JOHANNES MARIA, NL
[71] AVANTIUM KNOWLEDGE CENTRE B.V., NL
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[72] WAHL, MICHAEL, US
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[72] DARWISH, IHAB S., US
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[72] YU, JIAXIN, US
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[72] LIU, PEIYING, US
[72] DARNE, CHETAN, US
[72] RAHAMAN, HASIBUR, IN
[72] WARRIER, JAYAKUMAR SANKARA, IN
[71] RIGEL PHARMACEUTICALS, INC., US
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[54] **SYSTEMES ET PROCEDES POUR MESO-DISSECTION**
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[72] CHUKKA, SRINIVAS, US
[72] QADRI, MOHAMMAD, US
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[54] **ERADICATION DE L'HERPES SIMPLEX DE TYPE I ET D'AUTRES VIRUS DE L'HERPES ASSOCIES GUIDEE PAR ARN**
[72] ROEHM, PAMELA C., US
[72] KHALILI, KAMEL, US
[72] SHEKARABI, SAYED MASOUD, US
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[54] **SYSTEMES ET PROCEDES DESTINES A UNE MESO-DISSECTION**
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[72] CHUKKA, SRINIVAS, US
[72] QADRI, MOHAMMAD, US
[72] CHEFD'HOTEL, CHRISTOPHE, US
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[54] **HIGH SIGNAL STRENGTH MUD SIREN FOR MWD TELEMETRY**
[54] **SIRENE A BOUES A HAUTE INTENSITE DE SIGNAL POUR TELEMETRIE EN COURS DE FORAGE**
[72] CHIN, WILSON CHUN-LING, US
[72] IFTIKHAR, KAMIL, US
[71] GE ENERGY OILFIELD TECHNOLOGY, INC., US
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[54] **DISPLAY MANAGEMENT FOR HIGH DYNAMIC RANGE VIDEO**
[54] **GESTION D'AFFICHAGE POUR VIDEO A PLAGE DYNAMIQUE ELEVEE**
[72] ATKINS, ROBIN, US
[71] DOLBY LABORATORIES LICENSING CORPORATION, US
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[54] **HEAT EXCHANGER**
[54] **ECHANGEUR DE CHALEUR**
[72] MARKUSSEN, ALMAR, NO
[71] A MARKUSSEN HOLDING AS, NO
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[25] EN
[54] **CONIFEROUS RESIN FOR TREATING AND PREVENTING STERILE INFLAMMATION**
[54] **RESINE DE CONIFERE POUR LE TRAITEMENT ET LA PREVENTION DE L'INFLAMMATION STERILE**
[72] SIPPONEN, PENTTI, FI
[71] REPOLAR PHARMACEUTICALS OY, FI
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[54] **RECIPIENT DE BOISSON/NOURRITURE AVEC REGULATION THERMIQUE**
[72] FLOROS, MICHAEL C., CA
[72] NARINE, SURESH S., CA
[72] TESSIER, MICHAEL, CA
[71] TRENT UNIVERSITY, CA
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[54] **METHOD OF EVALUATING THE RESPONSE OF ATAXIA TELANGIECTASIA PATIENTS TO GLUCOCORTICOIDS TREATMENT**
[54] **PROCEDE D'EVALUATION DE LA REPONSE DE PATIENTS AFFECTES PAR L'ATAXIE TELANGIECTASIE AU TRAITEMENT PAR LES GLUCOCORTICOIDES**
[72] MAGNANI, MAURO, IT
[72] BIAGIOTTI, SARA, IT
[72] MENOTTA, MICHELE, IT
[71] ERYDEL S.P.A., IT
[85] 2017-07-18
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[54] **COMBINATIONS OF A PHOSPHOINOSITIDE 3-KINASE INHIBITOR COMPOUND AND A CDK4/6 INHIBITOR COMPOUND FOR THE TREATMENT OF CANCER**
[54] **COMBINAISONS D'UN COMPOSE INHIBITEUR DE PHOSPHOINOSITIDE 3-KINASE ET D'UN COMPOSE INHIBITEUR DE CDK4/6 POUR LE TRAITEMENT DU CANCER**
[72] FRIEDMAN, LORI, US
[72] NANNINI, MICHELLE, US
[72] SAMPATH, DEEPAK, US
[72] WALLIN, JEFFREY, US
[71] F. HOFFMANN-LA ROCHE AG, CH
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[54] **DUAL-FREQUENCY TAGS TO DETECT CEMENT CURING IN WELLBORE APPLICATIONS**
[54] **ETIQUETTES A DOUBLE FREQUENCE POUR DETECTER LE DURCISSEMENT DU CIMENT DANS DES APPLICATIONS DE PUITS DE FORAGE**
[72] ROBERSON, MARK, US
[72] GOODWIN, SCOTT, US
[72] RAVI, KRISHNA M., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[25] EN
[54] **WELLBORE ADDITIVES THAT INCLUDE LIQUID-INFILTRATED POROUS SILICA**
[54] **ADDITIFS POUR PUITS DE FORAGE QUI COMPRENNENT DE LA SILICE POREUSE INFILTREE PAR UN LIQUIDE**
[72] ALBRIGHTON, LUCAS DAVID, US
[72] MCKAY, ADAM MATTHEW, US
[72] JONES, PAUL JOSEPH, US
[72] GRIMES, EVAN BAKER, US
[72] RUSSELL, EVAN THOMAS, US
[72] FRY, DOMINIK, US
[72] BARKER, RYAN EDWARD, US
[72] DEALY, SEARS T., US
[72] REDDY, B. RAGHAVA, US
[71] HALLIBURTON ENERGY SERVICES, INC, US
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[54] **DOWNHOLE COMMUNICATIONS USING FREQUENCY GUARD BANDS**
[54] **COMMUNICATIONS DE FOND DE PUITS A L'AIDE DE BANDES DE GARDE DE FREQUENCE**
[72] ROBERSON, MARK W., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **APPARATUS AND METHOD FOR CLASSIFYING AND DEDUSTING GRANULAR POLYSILICON**
[54] **APPAREIL ET METHODE DE CLASSIFICATION ET DEPOUSSIERAGE DE POLYSILICONE GRANULAIRE**
[72] FRICKE, MICHAEL, DE
[72] BRIXEL, MARTIN, DE
[72] ENGGRUBER, ROBERT, DE
[72] HAUSWIRTH, RAINER, DE
[71] WACKER CHEMIE AG, DE
[85] 2017-07-19
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[25] EN
[54] **NOVEL MINOR HISTOCOMPATIBILITY ANTIGENS AND USES THEREOF**
[54] **NOUVEAUX ANTIGENES MINEURS D'HISTOCOMPATIBILITE ET LEURS UTILISATIONS**
[72] PERREAULT, CLAUDE, CA
[72] GRANADOS, DIANA PAOLA, CA
[72] DELISLE, JEAN-SEBASTIEN, CA
[72] THIBAULT, PIERRE, CA
[72] LEMIEUX, SEBASTIEN, CA
[71] UNIVERSITE DE MONTREAL, CA
[71] RSEM, LIMITED PARTNERSHIP, CA
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[54] **EMBALLAGE REFERMABLE**
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[71] AMCOR FLEXIBLES BURGDORF GMBH, CH
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[25] EN
[54] **AUTOTAXIN INHIBITORS**
[54] **INHIBITEURS DE L'AUTOTAXINE**
[72] BLUM, FRANCESCA, GB
[72] CARR, JAMES LINDSAY, GB
[72] SHAH, PRITOM, GB
[72] DEL MAR JIMENEZ QUESADA, MARIA, GB
[72] FARRE GUTIERREZ, IRENE, GB
[71] CANCER RESEARCH TECHNOLOGY LIMITED, GB
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[25] EN
[54] **CELL CULTURING METHOD AND KIT**
[54] **PROCEDE DE CULTURE DE CELLULES, ET KIT**
[72] HAGIHARA, MASAHIKO, JP
[72] SHIMIZU, MOTOHISA, JP
[72] WADA, YUKINORI, JP
[71] UBE INDUSTRIES, LTD., JP
[85] 2017-07-18
[86] 2016-01-26 (PCT/JP2016/052219)
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[30] JP (2015-012738) 2015-01-26
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[25] EN
[54] **FIRE TUBE HEATER**
[54] **CHAUDIERE A TUBES DE FUMEE**
[72] CHAI, DANIEL, CA
[72] PETRACCA, CLAUDIO, CA
[72] RUSCIO, DOMENIC, CA
[71] CAMUS HYDRONICS LTD., CA
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[54] **BUMPER BEAM**
[54] **POUTRE DE PARE-CHOCS**
[72] KOGA, ATSUO, JP
[72] NAKAZAWA, YOSHIAKI, JP
[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2017-07-19
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[25] EN
[54] **THERAPEUTIC AGENT FOR ISCHEMIC DISEASE**
[54] **AGENT THERAPEUTIQUE POUR MALADIES ISCHEMIQUES**
[72] WADA, YUKO, JP
[72] SHIMATANI, YUKO, JP
[72] YANO, TAKASHI, JP
[72] MASAKI, TAKESHI, JP
[71] SHINSHU UNIVERSITY, JP
[71] ANAEROPHARMA SCIENCE INC., JP
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[25] EN
[54] **NUCLEIC ACID, FUSION PROTEIN, RECOMBINED CELL, AND ISOPRENE OR CYCLIC TERPENE PRODUCTION METHOD**
[54] **ACIDE NUCLEIQUE, PROTEINE DE FUSION, CELLULE RECOMBINEE ET PROCEDE DE PRODUCTION D'ISOPRENE OU DE TERPENE CYCLIQUE**
[72] FURUTANI, MASAHIRO, JP
[72] KAWABATA, KAZUFUMI, JP
[72] NISHIYAMA, NORIHIDE, JP
[71] SEKISUI CHEMICAL CO., LTD., JP
[85] 2017-07-19
[86] 2016-02-10 (PCT/JP2016/053977)
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[54] **ADJUSTABLE DEAD-LATCHING BOLT MECHANISMS**
[54] **MECANISMES DE PENE DEMI-TOUR A CRAN D'ARRET REGLABLES**
[72] ARLINGHAUS, PAUL RAYMOND, US
[72] ALI, MOHAMMED MAKSOOD, IN
[72] PATTAR, JONAH M., IN
[72] PUTASWAMY, KEMPARAJU, IN
[72] KONDI, SUSHANTH ANAND RAO, IN
[72] GRAHAM, MATTHEW SCOTT, US
[72] RAI, SUBASHCHANDRA, IN
[72] TANTRI, KESHAV, IN
[71] SCHLAGE LOCK COMPANY LLC, US
[85] 2017-07-19
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[54] **SURGICAL DRAIN SYSTEM AND METHOD OF USE**
[54] **SYSTEME DE DRAIN CHIRURGICAL ET PROCEDE D'UTILISATION**
[72] ROBINSON, JAMES C., US
[71] SPECTRUM SPINE IP HOLDINGS, LLC, US
[85] 2017-07-19
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[51] **Int.Cl. C07D 403/06 (2006.01)**
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[54] **COMPOUNDS AND METHODS FOR THE TARGETED DEGRADATION OF THE ANDROGEN RECEPTOR**
[54] **COMPOSES ET PROCEDES POUR LA DEGRADATION CIBLEE DU RECEPTEUR DES ANDROGENES**
[72] JIN, MEIZHONG, US
[72] CREW, ANDREW P., US
[72] DONG, HANQING, US
[72] WANG, JING, US
[72] SIU, KAM, US
[72] FERRARO, CATERINA, US
[72] CHEN, XIN, US
[72] QIAN, YIMIN, US
[71] ARVINAS, INC., US
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[54] **MIXER GRINDER MONITORING SYSTEM**
[54] **SYSTEME DE SURVEILLANCE DE MELANGEUR BROYEUR**
[72] BAUER, ERIK, US
[72] GUYNN, VICTOR, US
[71] HOLLYMATIC CORPORATION, US
[85] 2017-07-19
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[25] EN
[54] **DRUG-COATED BALLOON**
[54] **BALLONNET ENDUIT DE MEDICAMENT**
[72] KAUFMAN, RICHARD E., US
[72] STANKUS, JOHN JOSEPH, US
[72] SU, JAMES, US
[71] INTERSECT ENT, INC., US
[85] 2017-07-19
[86] 2016-01-22 (PCT/US2016/014622)
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[30] US (62/106,692) 2015-01-22

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[51] **Int.Cl. G06F 11/36 (2006.01)**
[25] EN
[54] **REAL-TIME PROCESSING OF DATA STREAMS RECEIVED FROM INSTRUMENTED SOFTWARE**
[54] **TRAITEMENT EN TEMPS REEL DE FLUX DE DONNEES RECUS EN PROVENANCE DE LOGICIEL INSTRUMENTE**
[72] LIU, PHILIP, US
[72] MUKHERJI, ARIJIT, US
[72] RAMAN, RAJESH, US
[71] SIGNALFX, INC., US
[85] 2017-07-19
[86] 2016-01-26 (PCT/US2016/014957)
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[30] US (62/109,308) 2015-01-29

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[25] EN
[54] **METHOD AND SYSTEM FOR INJECTING A PROCESS FLUID USING A HIGH PRESSURE DRIVE FLUID**
[54] **PROCEDE ET SYSTEME PERMETTANT D'INJECTER UN FLUIDE DE TRAITEMENT A L'AIDE D'UN FLUIDE D'ENTRAINEMENT HAUTE PRESSION**
[72] OKLEJAS, ELI, JR., US
[71] OKLEJAS, ELI, JR., US
[85] 2017-07-19
[86] 2016-02-03 (PCT/US2016/016366)
[87] (WO2016/126822)
[30] US (62/111,270) 2015-02-03
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[51] **Int.Cl. C07D 495/14 (2006.01) A61K 31/4743 (2006.01) A61P 13/12 (2006.01) C07D 495/18 (2006.01)**
[25] EN
[54] **COMPOUNDS AND METHODS FOR PREVENTING OR TREATING SENSORY HAIR CELL DEATH**
[54] **COMPOSES ET PROCEDES POUR PREVENIR OU TRAITER LA MORT DE CELLULES CAPILLAIRES SENSORIELLES**
[72] SIMON, JULIAN, US
[72] JOHNSON, GRAHAM, US
[72] RUBEL, EDWIN W., US
[72] RAIBLE, DAVID W., US
[72] GONZALEZ, MARIO D., US
[72] MELTZER, PETER C., US
[72] MIAO, WEISHI, US
[71] UNIVERSITY OF WASHINGTON, US
[71] FRED HUTCHINSON CANCER RESEARCH CENTER, US
[71] ORICULA THERAPEUTICS LLC, US
[85] 2017-07-19
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[25] EN
[54] **FUNGICIDAL COMPOUNDS AND COMPOSITIONS**
[54] **COMPOSES ET COMPOSITIONS FONGICIDES**
[72] JACOBSON, RICHARD M., US
[71] AGROFRESH INC., US
[85] 2017-07-19
[86] 2016-02-10 (PCT/US2016/017326)
[87] (WO2016/130658)
[30] US (62/115,174) 2015-02-12

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[51] **Int.Cl. H02J 3/00 (2006.01) H01R 13/66 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR DETERMINING ENERGY SAVINGS**
[54] **PROCEDE ET APPAREIL DE DETERMINATION D'ECONOMIES D'ENERGIE**
[72] GELONESE, DOMENICO, AU
[72] GATTO, RICCARDO, AU
[71] EMBERTEC PTY LTD, AU
[85] 2017-07-20
[86] 2016-01-15 (PCT/AU2016/000005)
[87] (WO2016/115589)
[30] AU (2015900148) 2015-01-20
[30] AU (2015900280) 2015-01-30
[30] AU (2015902340) 2015-06-18
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[51] **Int.Cl. G01R 21/00 (2006.01) G01R 11/00 (2006.01)**
[25] EN
[54] **STANDBY POWER CONTROLLER COMMUNICATIONS APPARATUS AND METHOD**
[54] **APPAREIL DE COMMUNICATIONS DE CONTROLEUR DE PUISSANCE EN MODE VEILLE ET PROCEDE CORRESPONDANT**
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[72] GATTO, RICCARDO, AU
[71] EMBERTEC PTY LTD, AU
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[54] **IMPROVEMENTS IN CONVEYOR AND COMPONENTS THEREFOR, MONITORING METHODS AND COMMUNICATION SYSTEMS**
[54] **AMELIORATIONS DANS UN TRANSPORTEUR ET ELEMENTS POUR CE DERNIER, PROCEDES DE SURVEILLANCE ET SYSTEMES DE COMMUNICATION**
[72] MOUTSOURIZ, PAUL, AU
[72] NORRIS, RYAN, AU
[72] MOUSSA, DAVID, AU
[71] VAYERON PTY LTD, AU
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[54] **METHOD AND DEVICE FOR CORRECTING LEVEL OF EXPRESSION OF SMALL RNA**
[54] **PROCEDE ET DISPOSITIF POUR CORRIGER LE NIVEAU D'EXPRESSION D'UN PETIT ARN**
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[72] KOZONO, SATOKO, JP
[71] TORAY INDUSTRIES, INC., JP
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[54] **RECEPTEURS ANTIGENIQUES CHIMERIQUES CIBLANT LE RECEPTEUR FC-LIKE 5 ET LEURS UTILISATIONS**
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[72] SMITH, ERIC L., US
[72] LIU, CHENG, US
[71] MEMORIAL SLOAN-KETTERING CANCER CENTER, US
[71] EUREKA THERAPEUTICS, INC., US
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[54] **PANNEAU EXTENSIBLE**
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[71] CORDION CORPORATION, US
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[71] P.V. FLOOD CONTROL CORP., CA
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[54] **PRODUCTION DE PARTICULE DE TYPE ROTAVIRUS DANS DES PLANTES**
[72] D'AOUST, MARC-ANDRE, CA
[72] LAVOIE, PIERRE-OLIVIER, CA
[71] MEDICAGO INC., CA
[71] MITSUBISHI TANABE PHARMA CORPORATION, JP
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[54] **REVETEMENTS EN GEOMEMBRANE DE POLYETHYLENE MULTICOUCHE**
[72] TAGHIZADEH, ATA, CA
[71] SOLMAX INTERNATIONAL INC., CA
[85] 2017-07-20
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[54] **NOUVEAUX DERIVES FLUORES UTILISES EN TANT QU'INHIBITEURS D'EGFR UTILES POUR LE TRAITEMENT DE CANCERS**
[72] DOVE, PETER, CA
[72] SLASSI, ABDELMALIK, CA
[71] TRILLIUM THERAPEUTICS INC., CA
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[54] **MOLDING MACHINE FOR SYNTHESIZING STONE BY MEANS OF BEATING OF HEAVY HAMMER AND PROCESSING METHOD FOR SAME**
[54] **MACHINE DE MOULAGE POUR SYNTHETISER UNE PIERRE AU MOYEN DE COUPS DE MARTEAU LOURD ET TECHNIQUE DE TRAITEMENT**
[72] YANG, SHAOLIANG, CN
[71] SHANGHAI UNLIMIT MATERIALS CO., LTD., CN
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[54] **COBALT-BASED FISCHER-TROPSCH SYNTHESIS CATALYST AND PREPARATION METHOD AND USE THEREOF**
[54] **CATALYSEUR DE SYNTHESE DE FISCHER-TROPSCH A BASE DE COBALT ET SON PROCEDE DE PREPARATION ET SON UTILISATION**
[72] RAO, SHASHA, CN
[72] SONG, DECHEN, CN
[72] LIU, QIANQIAN, CN
[72] HAI, GUOLIANG, CN
[72] WANG, DASHAN, CN
[72] LI, CHANGYUAN, CN
[72] ZHAN, XIAODONG, CN
[71] WUHAN KAIDI ENGINEERING TECHNOLOGY RESEARCH INSTITUTE CO., LTD., CN
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[54] **PROCEDE POUR LA PREPARATION CONTINUE DE CRISTAL DE METHIONINE DE MASSE VOLUMIQUE APPARENTE ELEVEE**
[72] CHEN, ZHIRONG, CN
[72] WANG, HIXUAN, CN
[72] CHEN, CONG, CN
[72] WANG, ZHENGJIANG, CN
[72] WANG, CUNCHAO, CN
[72] LI, YIN, CN
[72] ZHANG, ZHIXIANG, CN
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[54] **SYSTEME ET PROCEDE DE FOURNITURE D'INFORMATIONS POUR UN SERVICE A LA DEMANDE**
[72] WU, ZHAOXUE, CN
[72] HUANG, ZEXIANG, CN
[72] LI, SHENGWEI, CN
[72] DING, FAN, CN
[72] QIN, KAIJIE, CN
[72] WEN, YIGANG, CN
[72] LIU, CHUANG, CN
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[54] **BLOC D'ECRITURE PHOTOLUMINESCENT ET BLOC-NOTES OU CARNET DE NOTES**
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[54] **DISPOSITIF D'AIDE AU STATIONNEMENT ET PROCEDE D'AIDE AU STATIONNEMENT**
[72] TSUKAMOTO, YUKINORI, JP
[72] MAIKAWA, KENGO, JP
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[54] **METHOD FOR PRODUCING NICKEL POWDER**
[54] **PROCEDE DE FABRICATION DE POUDRE DE NICKEL**
[72] HEGURI, SHIN-ICHI, JP
[72] OZAKI, YOSHITOMO, JP
[72] TAKAISHI, KAZUYUKI, JP
[72] YONEYAMA, TOMOAKI, JP
[72] OHARA, HIDEKI, JP
[72] IKEDA, OSAMU, JP
[72] KUDO, YOHEI, JP
[71] SUMITOMO METAL MINING CO., LTD., JP
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[54] **COMPTEUR D'EAU A ULTRASONS**
[72] BAR-ON, OMRI, IL
[71] ARAD LTD., IL
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[54] **SILICON CARBIDE FIBER REINFORCED SILICON CARBIDE COMPOSITE MATERIAL**
[54] **MATERIAU COMPOSITE EN CARBURE DE SILICIUM RENFORCE PAR DES FIBRES DE CARBURE DE SILICIUM**
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[72] SHIMODA, KAZUYA, JP
[71] KYOTO UNIVERSITY, JP
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[54] **FLUX POUR SOUDAGE A L'ARC SUBMERGE**
[72] KANO, SATORU, JP
[72] KOMURA, MASAHARU, JP
[72] KOBAYASHI, NAOKO, JP
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[54] **CORPS DE CONFINEMENT ET PROCEDE DE FABRICATION D'UN DISPOSITIF D'ECARTEMENT COMPRENANT UN TEL CORPS DE CONFINEMENT**
[72] MAGAGNOLI, AUGUSTO, IT
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[25] EN
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[54] **DISPOSITIF PLIANT D'ASSISTANCE A L'AUTO-INSERTION D'UN TUBE DE CATHETER DANS L'ORIFICE URETRAL DE FEMMES**
[72] LANIADO, AMIR, IL
[71] GR DOME MEDICAL LTD., IL
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[54] **METHODS OF USE FOR CROSSLINKED POLYMER COMPOSITIONS IN SUBTERRANEAN FORMATION OPERATIONS**
[54] **PROCEDES D'UTILISATION DE COMPOSITIONS DE POLYMERE RETICULE DANS DES OPERATIONS DANS UNE FORMATION SOUTERRAINE**
[72] ZHA, WEIBIN, US
[72] GALINDO, KAY A., US
[72] ZHOU, HUI, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[25] EN
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[54] **SYSTEME ET PROCEDE DE TRAITEMENT D'UN FLUIDE COMPRENANT DES HYDROCARBURES**
[72] VAN ROOSMALEN, JEROM FERDINANDUS, NL
[71] ILNG B.V., NL
[85] 2017-07-20
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[54] **PARKING ASSIST SYSTEM AND PARKING ASSIST METHOD**
[54] **SYSTEME D'AIDE AU STATIONNEMENT ET PROCEDE D'AIDE AU STATIONNEMENT**
[72] MO, SHIHANG, JP
[72] TSUKAMOTO, YUKINORI, JP
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[54] **DETECTION DE FLUIDE DE FOND DE TROU A L'AIDE D'ONDES DE SURFACE**
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[72] RODNEY, PAUL F., US
[72] MANDAL, BATAKRISHNA, US
[72] RAVI, KRISHNA M., US
[72] GOODWIN, SCOTT, US
[72] SHAH, VIMAL V., US
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[54] **COMPOSITION AUTO-EMULSIFIANTE D'ACIDES GRAS O3**
[72] ITO, HIROMITSU, JP
[72] FUJII, HIROSATO, JP
[72] YAMAGATA, MOTOO, JP
[72] TANAKA, DAICHI, JP
[71] MOCHIDA PHARMACEUTICAL CO., LTD., JP
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[54] **METHOD AND DEVICE FOR PROVIDING A TRUSTED ENVIRONMENT FOR EXECUTING AN ANALOGUE-DIGITAL SIGNATURE**
[54] **PROCEDE ET DISPOSITIF POUR FORMER UN ENVIRONNEMENT DE CONFIANCE AFIN DE PRODUIRE UNE SIGNATURE ANALOGIQUE ET NUMERIQUE**
[72] GERTNER, DMITRY ALEKSANDROVICH, RU
[71] OBSCHESTVO S OGRANICHENNOJ OTVETSTVENNOSTYU "LABORATORIA ELANDIS", RU
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[54] **MOUSSES A ALVEOLES OUVERTES ET SUBSTRATS FIBREUX METALLISES**
[72] GREINER, ANDREAS, DE
[72] AGARWAL, SEEMA, DE
[72] LANGNER, MARKUS, DE
[71] UNIVERSITAT BAYREUTH, DE
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[25] EN
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[54] **ANALOGUES DE L'INSULINE A PROPRIETES DE SIGNALISATION SELECTIVE ET MITOGENICITE REDUITE**
[72] WEISS, MICHAEL, US
[71] CASE WESTERN RESERVE UNIVERSITY, US
[85] 2017-07-20
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[25] EN
[54] **METHOD AND APPARATUS FOR NFV MANAGEMENT AND ORCHESTRATION**
[54] **PROCEDE ET APPAREIL POUR UNE GESTION ET UNE ORCHESTRATION DE VIRTUALISATION DE FONCTION DE RESEAU (NFV)**
[72] VRZIC, SOPHIE, CA
[72] RAO, JAYA, CA
[72] ZHANG, HANG, CA
[72] LI, XU, CA
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
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[54] **STRUCTURES TUBULAIRES A SUPPORT VARIABLE**
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[72] KHOKHAR, RAJAN, US
[71] Q'APEL MEDICAL, LLC, US
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[54] **MULTI-ZONE FRACTURING WITH FULL WELLBORE ACCESS**
[54] **FRACTURATION DE ZONES MULTIPLES AVEC ACCES TOTAL AU PUITS DE FORAGE**
[72] NORMAN, TYLER J., US
[72] WALTON, ZACHARY W., US
[72] MERRON, MATT JAMES, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **CONCENTRES EMULSIFIABLES COMPATIBLES AVEC LES ENGRAIS**
[72] HALL, SHANA, US
[72] JORDAN-BEAR, JENNIFER, US
[72] CROSBY, KEVIN E., US
[72] BRIGANCE, MICKEY R., US
[71] ADJUVANTS UNLIMITED LLC, US
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[54] **UTILISATION D'ACIDES GRAS A CHAINE COURTE DANS LA PREVENTION DU CANCER**
[72] REIS, HELENA, M.G.P.V., PT
[72] FEITELSON, MARK A., US
[71] TEMPLE UNIVERSITY-OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION, US
[71] REIS, HELENA, M.G.P.V., PT
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[54] **POLYMERIC VISCOSIFIERS FOR USE IN WATER-BASED DRILLING FLUIDS**
[54] **VISCOSIFIANTS POLYMERES UTILISABLES DANS DES FLUIDES DE FORAGE AQUEUX**
[72] GALINDO, KAY ANN, US
[72] ZHA, WEIBIN, US
[72] DEVILLE, JAY PAUL, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **SYSTEME UNICOMPARTIMENTAL PARTIEL POUR REMPLACEMENT DE GENOU PARTIEL**
[72] NOCCO, EMANUELE, US
[72] LINDER-GANZ, ERAN, IL
[71] ACTIVE IMPLANTS LLC, US
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[54] **APPARATUS AND METHOD FOR SKIN TREATMENT**
[54] **APPAREIL ET METHODE POUR LE TRAITEMENT DE LA PEAU**
[72] ABREU, MARCIO MARC, US
[71] ABREU, MARCIO MARC, US
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[54] **SYSTEMS, METHODS AND DEVICES FOR ASSET STATUS DETERMINATION**
[54] **SYSTEMES, PROCEDES ET DISPOSITIFS DE DETERMINATION D'ETAT D'ACTIFS**
[72] KULKARNI, RAGHAVENDRA, US
[72] NARAHARI, SHARATH, US
[72] ROOPREDDY, RAVINDAR, US
[71] CLOUDLEAF, INC., US
[85] 2017-07-20
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[54] **VITRIFIED MATERIAL CONTROL SYSTEM AND METHOD**
[54] **SYSTEME DE REGULATION DE MATIERE VITRIFIEE ET PROCEDE**
[72] JURANITCH, JAMES C., US
[71] PLASMA TECH HOLDINGS, LLC, US
[85] 2017-07-20
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[54] **PROTECTIVE AND DECORATIVE DECK COVERING**
[54] **REVETEMENT DE TERRASSE DECORATIF ET PROTECTEUR**
[72] GRIBBLE, WILLIAM R., US
[72] SISLER, TERRY, US
[71] GRIBBLE, WILLIAM R., US
[71] SISLER, TERRY, US
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[54] **INTERVENTIONAL DEVICE HAVING AN INTEGRATED EMBOLIC FILTER AND ASSOCIATED METHODS**
[54] **DISPOSITIF D'INTERVENTION AYANT UN FILTRE EMBOLIQUE INTEGRE ET PROCEDES ASSOCIES**
[72] SACHAR, RAVISH, US
[72] PATEL, UDAYAN G., US
[71] CONTEGO MEDICAL LLC, US
[85] 2017-07-20
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[25] EN
[54] **RIBOSOME-MEDIATED INCORPORATION OF PEPTIDES AND PEPTIDOMIMETICS**
[54] **INCORPORATION MEDIEE PAR LES RIBOSOMES DE PEPTIDES ET DE PEPTIDOMIMETIQUES**
[72] HECHT, SIDNEY, US
[72] DEDKOVA, LARISA, US
[72] MAINI, RUMIT, US
[72] ROY CHOWDHURY, SANDIPAN, US
[72] PAUL, RAKESH, US
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[54] **FIXATION DE FIL-GUIDE**
[72] BULLER, CHRISTOPHER E., CA
[72] KUGLER, CHAD, US
[72] PETERSON, DEAN, US
[72] BRENIZER, JOSHUA, US
[72] JESTER, DANNY M., US
[71] VASCULAR SOLUTIONS, INC., US
[71] BULLER INNOVATIONS, INC., CA
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[54] **MERCHANDISE SECURITY SYSTEM WITH OPTICAL COMMUNICATION**
[54] **SYSTEME DE SECURITE POUR MARCHANDISE AVEC COMMUNICATION OPTIQUE**
[72] FAWCETT, CHRISTOPHER J., US
[72] TAYLOR, GARY A., US
[72] BURTNESS, KEVIN A., US
[71] INVUE SECURITY PRODUCTS INC., US
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[54] **ATTACHABLE FRONT FOR EYEGLASSES**
[54] **FACE POUVANT ETRE FIXEE A DES LUNETTES**
[72] CHUTE, DAVID J., US
[72] KURTIN, STEPHEN, US
[72] CLERK, JASON, CA
[72] CRESCENZI, DENI, CA
[71] SUNBIRD, LLC, US
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[54] **WINDOW FRAME AND ARCHITRAVE ASSEMBLY**
[54] **CADRE DE FENETRE ET ENSEMBLE CHAMBRANLE**
[72] PANNUNZIO, ROCCO, AU
[71] ROPA SYSTEMS PTY LTD, AU
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[25] EN
[54] **SYSTEMS, DEVICES, AND METHODS FOR ENCOURAGING USE OF PREFERRED DRUGS**
[54] **SYSTEMES, DISPOSITIFS ET PROCEDES POUR ENCOURAGER L'UTILISATION DE MEDICAMENTS PREFERES**
[72] STEVENSON, HELEN, CA
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[25] EN
[54] **PROJECT AND RESOURCE PLANNING METHODS AND SYSTEMS**
[54] **PROCEDES ET SYSTEMES DE PLANIFICATION DE PROJET ET DE RESSOURCE**
[72] BOILEAU, MARIO, CA
[71] SOLUFY INFORMATION TECHNOLOGIES INC., CA
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[25] EN
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[54] **RACCORD BICOUCHE DE CHAMP MOULE PAR INJECTION POUR PIPELINE**
[72] WRIGHT, ADAM ROBERT, GB
[72] USTAD, OLE THOMAS, NO
[71] SHAWCOR LTD., CA
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[54] **LOAD BALANCING INTERNET PROTOCOL SECURITY TUNNELS**
[54] **TUNNELS DE SECURITE DE PROTOCOLE INTERNET POUR L'EQUILIBRAGE DE CHARGE**
[72] ROCH, EVELYNE, CA
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
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[54] **CORNER BRACKET**
[54] **SUPPORT D'ANGLE**
[72] LAWSON, CRAIG R., CA
[71] PEAK INNOVATIONS INC., CA
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[25] EN
[54] **CATHETER DEVICE, COMPRISING A VALVE FOR CONTROLLING A FLUID FLOW THROUGH A CATHETER**
[54] **DISPOSITIF DE CATHETER, COMPRENANT UNE SOUPAPE POUR COMMANDER UN FLUX DE FLUIDE A TRAVERS UN CATHETER**
[72] LIEBING, REINER, DE
[71] ECP ENTWICKLUNGSGESELLSCHAFT MBH, DE
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[25] FR
[54] **DEVICE FOR PROTECTING A NEEDLE, SYRINGE PROVIDED WITH SUCH A DEVICE, AND METHOD FOR PRODUCING PRE-FILLED CEMENTED NEEDLE SYRINGES**
[54] **DISPOSITIF DE PROTECTION D'UNE AIGUILLE, SERINGUE EQUIPEE D'UN TEL DISPOSITIF ET PROCEDE DE FABRICATION DE SERINGUES PRE-REMPLIES A AIGUILLE COLLEE**
[72] ANEAS, ANTOINE, FR
[71] BIOCORP PRODUCTION, FR
[85] 2017-07-21
[86] 2016-01-25 (PCT/EP2016/051408)
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[54] **A POLISHING PAD AND MATERIAL AND MANUFACTURING METHOD FOR SUCH**
[54] **TAMPON DE POLISSAGE ET MATERIAU ET PROCEDE DE FABRICATION ASSOCIE**
[72] HEDE, HANS, FI
[72] HOGLUND, GORAN, FI
[71] KWH MIRKA LTD, FI
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[25] EN
[54] **SYSTEM, METHOD, AND KIT FOR SELECTING AND PREPARING CUSTOMIZED COSMETICS**
[54] **SYSTEME, PROCEDE ET KIT DE SELECTION ET DE PREPARATION DE PRODUITS COSMETIQUES PERSONNALISES**
[72] DUBOIS, FANNY, CA
[72] DANOPOULOS, PANAGIOTA, CA
[71] MEDISCA PHARMACEUTIQUE, INC., CA
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[54] **FORET CHIRURGICAL**
[72] LO, IAN K.Y., CA
[72] MULDREW, KEN, CA
[72] SCIORE, PAUL, CA
[71] SOTERIA INDUSTRIES INC., CA
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[25] EN
[54] **TRACK CHANGING APPARATUS AND METHODS ASSOCIATED THEREWITH**
[54] **APPAREIL DE CHANGEMENT DE TRAJECTOIRE ET PROCEDES ASSOCIES A CELUI-CI**
[72] CAMPBELL, COLIN, CA
[72] CARRIER, GUY, CA
[72] GIGUERE, CAMIL, CA
[72] HARRIS, MICHAEL, CA
[72] HUTTON, NEIL, CA
[72] BEATTIE, JOHN, CA
[72] MARSH, IAN, CA
[71] DEW ENGINEERING AND DEVELOPMENT ULC, CA
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[25] EN
[54] **SHAFT ENLARGEMENT ARRANGEMENT FOR A BORING SYSTEM**
[54] **AGENCEMENT D'AGRANDISSEMENT D'ARBRE POUR UN SYSTEME DE FORAGE**
[72] KLEUTERS, NIKOLAUS, DE
[72] PRETORIUS, DANIEL COENRAAD, ZA
[72] JORDAAN, BAREND JACOBUS, ZA
[72] GERMISHUYS, LOUIS, ZA
[72] GOODWIN, NICOLAAS BODENSTEIN, ZA
[72] SHEPPARD, GARETH ROBERT, PE
[71] MASTER SINKERS (PTY) LTD, SA
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[30] EP (15152341.2) 2015-01-23
[30] ZA (2015/00851) 2015-02-05
[30] ZA (2015/05310) 2015-07-23

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[25] EN
[54] **GRAIN-ORIENTED ELECTRICAL STEEL SHEET AND METHOD FOR PRODUCING SAME**
[54] **TOLE D'ACIER MAGNETIQUE A GRAIN ORIENTE ET METHODE DE PRODUCTION ASSOCIEE**
[72] HAYAKAWA, YASUYUKI, JP
[72] SENDA, KUNIHIRO, JP
[72] TERASHIMA, TAKASHI, JP
[71] JFE STEEL CORPORATION, JP
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[25] EN
[54] **METHOD FOR ISOLATING, REMOVING AND ANALYZING CELLS**
[54] **PROCEDE PERMETTANT D'ISOLER, DE SEPARER ET D'ANALYSER DES CELLULES**
[72] FUKAMIZU, AKIYOSHI, JP
[72] KIM, JUN-DAL, JP
[72] HAGIHARA, MASAHIKO, JP
[72] WADA, YUKINORI, JP
[71] UBE INDUSTRIES, LTD., JP
[71] UNIVERSITY OF TSUKUBA, JP
[85] 2017-07-21
[86] 2016-01-26 (PCT/JP2016/052205)
[87] (WO2016/121766)
[30] JP (2015-012850) 2015-01-26
[30] JP (2015-012851) 2015-01-26

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[25] EN
[54] **CELL CULTURE METHOD, CELL AGGREGATES, CELL AGGREGATION CONTROL AGENT, AND MEDIUM**
[54] **PROCEDE DE CULTURE CELLULAIRE, AGREGATS CELLULAIRES, AGENT DE REGULATION DE L'AGREGATION CELLULAIRE ET MILIEU**
[72] SAKAI, YASUYUKI, JP
[72] HORIGUCHI, IKKI, JP
[72] MATSUNAGA, KUMIKO, JP
[72] HAYASAKA, SHUNJI, JP
[71] THE UNIVERSITY OF TOKYO, JP
[71] SOMAR CORPORATION, JP
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[30] JP (2015-016045) 2015-01-29

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[54] **THERMOSTABLE RUBISCO ACTIVASE COMPLEXES**
[54] **COMPLEXES RUBISCO ACTIVASE THERMOSTABLES**
[72] SCAFARO, ANDREW, AU
[72] ATWELL, BRIAN, AU
[71] MACQUARIE UNIVERSITY, AU
[85] 2017-07-21
[86] 2016-01-22 (PCT/AU2016/000011)
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[51] **Int.Cl. A61K 38/08 (2006.01) A61K 38/10 (2006.01) A61K 38/17 (2006.01) A61P 25/28 (2006.01) A61P 31/00 (2006.01) C07K 14/47 (2006.01)**
[25] EN
[54] **ANTI-SENESCENCE COMPOUNDS AND USES THEREOF**
[54] **COMPOSES ANTI-SENESCENCE ET LEURS UTILISATIONS**
[72] DE KEIZER, PETERUS LEONARDUS JOSEPHUS, NL
[71] ERASMUS UNIVERSITY MEDICAL CENTER ROTTERDAM, NL
[85] 2017-07-21
[86] 2016-01-25 (PCT/NL2016/050057)
[87] (WO2016/118014)
[30] NL (2014183) 2015-01-23
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[51] **Int.Cl. H04L 1/06 (2006.01) H04W 24/10 (2009.01)**
[25] EN
[54] **PRECODING INFORMATION OBTAINING METHOD, AND DEVICE**
[54] **METHODE D'OBTENTION D'INFORMATION DE PRECODAGE ET DISPOSITIF**
[72] WANG, LEI, CN
[72] KURRAS, MARTIN, DE
[72] THIELE, LARS, DE
[72] HAUSTEIN, THOMAS, DE
[72] CHEN, DAGENG, CN
[72] WU, YE, CN
[72] QIAO, DELI, CN
[71] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DES ANGEWANDTEN FORSHCUNG E.V., DE
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2017-07-20
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[51] **Int.Cl. B21D 22/26 (2006.01) B21D 5/01 (2006.01) B21D 22/20 (2006.01)**
[25] EN
[54] **PRESS-FORMED PRODUCT, AND PRODUCTION METHOD AND PRODUCTION EQUIPMENT LINE FOR PRODUCING THE PRESS-FORMED PRODUCT**
[54] **PRODUIT FORME PAR UNE PRESSE, ET METHODE DE PRODUCTION ET GAMME D'EQUIPEMENTS DE PRODUCTION DESTINES A PRODUIRE LE PRODUIT FORME PAR UNE PRESSE**
[72] OTSUKA, KENICHIRO, JP
[72] NAKAZAWA, YOSHIAKI, JP
[72] NISHIMURA, RYUICHI, JP
[72] SAITO, MASAHIRO, JP
[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2017-07-21
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[25] EN
[54] **N2-(3,4-DIMETHYLPHENYL)-6-((4-(P-TOLYL)PIPERAZIN-1-YL)METHYL)-1,3,5-TRIAZINE-2,4-DIAMINE**
[54] **N2-(3,4-DIMETHYLPHENYL)-6-((4-(P-TOLYL) PIPERAZIN-1-YL)METHYL)-1,3,5-TRIAZINE-2,4-DIAMINE**
[72] WIKSTROM, PER, SE
[72] WALUM, ERIK, SE
[72] WILCKE, MONA, SE
[71] GLUCOX BIOTECH AB, SE
[85] 2017-07-21
[86] 2016-02-15 (PCT/SE2016/050112)
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[54] **HOCKEY PUCK**
[54] **PALET DE HOCKEY**
[72] BAUMAN, WALTER DOUGLAS, US
[71] 28 ENGINEERING LLC, US
[85] 2017-07-21
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[51] **Int.Cl. G06F 9/46 (2006.01) H04L 12/70 (2013.01) H04L 12/717 (2013.01)**
[25] EN
[54] **NETWORK FUNCTIONS VIRTUALIZATION MANAGEMENT AND ORCHESTRATION METHOD, NETWORK FUNCTIONS VIRTUALIZATION MANAGEMENT AND ORCHESTRATION SYSTEM, AND PROGRAM**
[54] **METHODE DE GESTION ET D'ORCHESTRATION DE VIRTUALISATION DE FONCTIONS RESEAU ET SYSTEME DE GESTION ET ORCHESTRATION DE VIRTUALISATION DE FONCTIONS RESEAU, ET PROGRAMME**
[72] GOKURAKUJI, JUNICHI, JP
[72] OOHIRA, MAYO, JP
[72] SHINOZAWA, HIROKAZU, JP
[71] NEC CORPORATION, JP
[85] 2017-07-21
[86] 2016-01-22 (PCT/JP2016/051895)
[87] (WO2016/117694)
[30] JP (2015-011810) 2015-01-23

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[51] **Int.Cl. H04L 12/70 (2013.01) H04L 12/717 (2013.01) G06F 9/46 (2006.01)**
[25] EN
[54] **NETWORK FUNCTIONS VIRTUALIZATION MANAGEMENT AND ORCHESTRATION METHOD, NETWORK FUNCTIONS VIRTUALIZATION MANAGEMENT AND ORCHESTRATION SYSTEM, AND PROGRAM**
[54] **METHODE DE GESTION ET D'ORCHESTRATION DE VIRTUALISATION DE FONCTIONS RESEAU ET SYSTEME DE GESTION ET ORCHESTRATION DE VIRTUALISATION DE FONCTIONS RESEAU, ET PROGRAMME**
[72] GOKURAKUJI, JUNICHI, JP
[72] OOHIRA, MAYO, JP
[72] SHINOZAWA, HIROKAZU, JP
[71] NEC CORPORATION, JP
[85] 2017-07-21
[86] 2016-01-22 (PCT/JP2016/051900)
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[30] JP (2015-011811) 2015-01-23

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[51] **Int.Cl. C40B 50/06 (2006.01) G06F 19/10 (2011.01) B81B 1/00 (2006.01) B81B 7/04 (2006.01) C12M 1/34 (2006.01) C12N 15/00 (2006.01) C12P 19/34 (2006.01) C12Q 1/00 (2006.01) C12Q 1/68 (2006.01) C40B 20/00 (2006.01) C40B 30/00 (2006.01) C40B 40/06 (2006.01) G01N 33/48 (2006.01) G01N 33/50 (2006.01) G01N 33/53 (2006.01)**
[25] EN
[54] **METHODS AND DEVICES FOR ANALYZING PARTICLES**
[54] **PROCEDES ET DISPOSITIFS POUR L'ANALYSE DE PARTICULES**
[72] HANSEN, CARL LARS GENGHIS, CA
[72] ZAHN, HANS, DE
[72] HUFT, JENS, DE
[72] VAN LOENHOUT, MARINUS THEODORUS JOHANNES, CA
[72] LEUNG, KASTON, CA
[72] LIN, BILL KENGLI, CA
[72] KLAUS, ANDERS, CA
[72] APARICIO, SAMUEL ALVES JANA RODRIGUES, CA
[72] SHAH, SOHRAB PRAKASH, CA
[72] STEIF, ADI, CA
[71] THE UNIVERSITY OF BRITISH COLUMBIA, CA
[85] 2017-07-20
[86] 2016-02-04 (PCT/CA2016/000031)
[87] (WO2016/123692)
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[51] **Int.Cl. A61K 31/721 (2006.01)**
[25] EN
[54] **COMPOSITIONS FOR TARGETING MACROPHAGES AND OTHER MANNOSE-BINDING C-TYPE LECTIN RECEPTOR HIGH EXPRESSING CELLS**
[54] **COMPOSITIONS POUR LE CIBLAGE DE MACROPHAGES ET D'AUTRES CELLULES A FORTE EXPRESSION DU RECEPTEUR AUX LECTINES DE TYPE C FIXANT LE MANNOSE**
[72] COPE, FREDERICK, US
[71] NAVIDEA BIOPHARMACEUTICALS, INC., US
[85] 2017-07-21
[86] 2015-07-17 (PCT/US2015/041036)
[87] (WO2016/118188)
[30] US (62/106,194) 2015-01-21
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[51] **Int.Cl. G01N 27/447 (2006.01) G01N 27/414 (2006.01)**
[25] EN
[54] **APPARATUS FOR PATHOGEN DETECTION**
[54] **APPAREIL PERMETTANT UNE DETECTION DE PATHOGENES**
[72] WEBER, MONIKA, US
[72] REED, MARK A., US
[72] LO, SIU LUNG, CN
[72] OCHOA, HAZAEL FABRIZIO MONTANARO, CH
[72] YERINO, CHRISTOPHER DANIEL, US
[71] FLUID-SCREEN, INC., US
[85] 2017-07-21
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[30] US (14/582,525) 2014-12-24

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[51] **Int.Cl. G06F 17/30 (2006.01) G06F 12/16 (2006.01)**
[25] EN
[54] **DISTRIBUTED COMPUTING SYSTEM WITH RESOURCE MANAGED DATABASE CLONING**
[54] **SYSTEME INFORMATIQUE DISTRIBUE AVEC CLONAGE DE BASE DE DONNEES GERE PAR RESSOURCES**
[72] WANG, PAUL, US
[72] YE, XIAOYI, US
[72] LU, XUEJIA, US
[72] CHANDRASHEKAR, SRIDHAR, US
[71] SERVICENOW, INC., US
[85] 2017-07-21
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[30] US (62/106,796) 2015-01-23

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[25] EN
[54] **TIDAL POWER GENERATOR**
[54] **GENERATEUR D'ENERGIE MAREMOTRICE**
[72] LEE, JAI-HYUK, KR
[72] LEE, JAE-WOOK, KR
[71] LEE, JAI-HYUK, KR
[71] LEE, JAE-WOOK, KR
[85] 2017-07-21
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[87] (WO2016/032099)
[30] KR (10-2014-0111771) 2014-08-26

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[51] **Int.Cl. A61F 5/01 (2006.01) A63F 11/00 (2006.01) G06F 3/039 (2013.01)**
[25] EN
[54] **WRIST SUPPORT DEVICE**
[54] **DISPOSITIF DE SUPPORT DE POIGNET**
[72] MAZAK, CHERYL, CA
[71] MAZAK, CHERYL, CA
[85] 2017-07-21
[86] 2016-01-22 (PCT/IB2016/050327)
[87] (WO2016/116899)
[30] US (62/106,819) 2015-01-23
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[51] **Int.Cl. A61K 38/05 (2006.01) A61K 35/766 (2015.01) A61K 38/06 (2006.01) A61K 45/00 (2006.01) A61P 35/00 (2006.01) A61P 37/04 (2006.01)**
[25] EN
[54] **SMC COMBINATION THERAPY FOR THE TREATMENT OF CANCER**
[54] **POLYTHERAPIE ANTICANCEREUSE A BASE DE SMC**
[72] KORNELUK, ROBERT G., CA
[72] LACASSE, ERIC C., CA
[72] BEUG, SHAWN T., CA
[72] TANG, VERA A., CA
[71] CHILDREN'S HOSPITAL OF EASTERN ONTARIO RESEARCH INSTITUTE INC., CA
[85] 2017-07-21
[86] 2015-01-26 (PCT/CA2015/000043)
[87] (WO2015/109391)
[30] US (61/931,321) 2014-01-24

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[13] A1
[51] **Int.Cl. A61G 15/02 (2006.01)**
[25] EN
[54] **THREE-AXIS ROTATION SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE ROTATION A TROIS AXES**
[72] BUDAGHER, MICHAEL, US
[71] OVARD, LLC, US
[85] 2017-07-21
[86] 2016-01-18 (PCT/US2016/013798)
[87] (WO2016/118452)
[30] US (62/106,637) 2015-01-22
[30] US (14/807,415) 2015-07-23

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[13] A1
[51] **Int.Cl. A61B 3/02 (2006.01)**
[25] EN
[54] **GAZE STABILIZATION SYSTEM AND METHOD**
[54] **SYSTEME ET METHODE DE STABILISATION DU REGARD**
[72] BUDAGHER, MICHAEL, US
[71] OVARD, LLC, US
[85] 2017-07-21
[86] 2016-01-18 (PCT/US2016/013800)
[87] (WO2016/118453)
[30] US (62/106,646) 2015-01-22
[30] US (14/818,036) 2015-08-04

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[51] **Int.Cl. F24F 13/15 (2006.01)**
[25] EN
[54] **AIRFOIL BLADE AND METHOD OF ASSEMBLY**
[54] **PALE A PROFIL AERODYNAMIQUE ET PROCEDE D'ASSEMBLAGE**
[72] MONAHAN, JIM, US
[72] BANNISH, JOHN, US
[71] MESTEK, INC., US
[85] 2017-07-21
[86] 2016-01-19 (PCT/US2016/013897)
[87] (WO2016/118500)
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[51] **Int.Cl. H01R 13/15 (2006.01) H01H 1/34 (2006.01) H01R 13/62 (2006.01)**
[25] EN
[54] **CONTACTS WITH RETRACTABLE DRIVE PINS**
[54] **CONTACTS A BROCHES D'ENTRAINEMENT RETRACTABLES**
[72] GATES, JOSHUA PAUL, US
[71] COOPER TECHNOLOGIES COMPANY, US
[85] 2017-07-21
[86] 2016-01-20 (PCT/US2016/014092)
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[30] US (14/601,986) 2015-01-21

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[51] **Int.Cl. A61J 1/03 (2006.01)**
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[54] **MEDICATION PACKAGING AND DOSE REGIMEN SYSTEM**
[54] **SYSTEME D'EMBALLAGE DE MEDICAMENT ET DE REGIME POSOLOGIQUE**
[72] TERHUNE, JOANNA, US
[72] WARDEN, JEFFREY, US
[72] HOLLAND, CHAD, US
[72] RICHARDSON, ERIC, US
[71] MYLAN INC., US
[85] 2017-07-21
[86] 2016-01-20 (PCT/US2016/014095)
[87] (WO2016/118605)
[30] US (62/105,877) 2015-01-21
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[51] **Int.Cl. B63B 1/04 (2006.01) B63B 3/08 (2006.01) B63B 7/08 (2006.01) B63B 43/10 (2006.01) B63B 43/14 (2006.01)**
[25] EN
[54] **WATERCRAFT STABILIZING MEMBER WITH FOAM CORE AND NON-COMPRESSIVE BLADDER**
[54] **ELEMENT DE STABILISATION D'EMBARCATION DOTE D'UN NOYAU EN MOUSSE ET D'UNE VESSIE NON COMPRESSIVE**
[72] HANSEN, WILLIAM M., US
[71] HANSEN, WILLIAM M., US
[85] 2017-07-21
[86] 2016-01-20 (PCT/US2016/014184)
[87] (WO2016/118664)
[30] US (62/106,656) 2015-01-22

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[51] **Int.Cl. C22B 26/12 (2006.01) C01D 15/02 (2006.01) C01D 15/08 (2006.01) C22B 3/10 (2006.01)**
[25] EN
[54] **PROCESSING OF LITHIUM CONTAINING MATERIAL INCLUDING HCL SPARGE**
[54] **TRAITEMENT DE MATERIAU CONTENANT DU LITHIUM COMPRENANT UN LAVAGE AU HCL**
[72] SHARMA, YATENDRA, AU
[71] REED ADVANCED MATERIALS PTY LTD, AU
[85] 2017-07-21
[86] 2015-10-30 (PCT/AU2015/000650)
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[30] AU (2015900222) 2015-01-27

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[25] EN
[54] **FLAPPER STABILIZATION FOR BACK PRESSURE VALVE**
[54] **STABILISATION DE CLAPET POUR SOUPAPE DE CONTREPRESSION**
[72] HOLMBERG, AARON D., US
[72] SCHULTZ, ROGER L., US
[71] THRU TUBING SOLUTIONS, INC., US
[85] 2017-07-21
[86] 2015-02-06 (PCT/US2015/014877)
[87] (WO2016/126267)

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[13] A1
[51] **Int.Cl. A61G 7/008 (2006.01)**
[25] EN
[54] **AIR MATTRESS TURNING DEVICE**
[54] **DISPOSITIF DE RETOURNEMENT INTEGRE A UN MATELAS PNEUMATIQUE**
[72] GARRETT, ALLEN, US
[72] WATKINS, RICKY, US
[71] GARRETT, ALLEN, US
[71] WATKINS, RICKY, US
[85] 2017-07-21
[86] 2015-11-27 (PCT/US2015/062838)
[87] (WO2016/086224)
[30] US (62/085,242) 2014-11-26

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[13] A1
[51] **Int.Cl. A61B 3/02 (2006.01)**
[25] EN
[54] **GAZE STABILIZATION SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE STABILISATION DU REGARD**
[72] BUDAGHER, MICHAEL, US
[71] OVARD, LLC, US
[85] 2017-07-21
[86] 2016-01-18 (PCT/US2016/013802)
[87] (WO2016/118454)
[30] US (62/106,646) 2015-01-22
[30] US (14/818,042) 2015-08-04

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[25] EN
[54] **THREE-AXIS ROTATION SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE ROTATION A TROIS AXES**
[72] BUDAGHER, MICHAEL, US
[71] OVARD, LLC, US
[85] 2017-07-21
[86] 2016-01-18 (PCT/US2016/013803)
[87] (WO2016/118455)
[30] US (62/106,637) 2015-01-22
[30] US (14/807,405) 2015-07-23

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[51] **Int.Cl. B62B 3/14 (2006.01) B62B 3/00 (2006.01) B62B 3/02 (2006.01) B62B 3/18 (2006.01)**
[25] EN
[54] **CART PUSHERS, MATEABLE CARTS, AND RELATED SYSTEMS, METHODS, AND DEVICES**
[54] **POUSSEURS DE CHARIOTS, CHARIOTS ENCASTRABLES, SYSTEMES, PROCEDES ET DISPOSITIFS ASSOCIES**
[72] JOHNSON, DAN, US
[72] DVORAK, ANDREW, US
[71] DANE TECHNOLOGIES, INC., US
[85] 2017-07-21
[86] 2016-01-21 (PCT/US2016/014338)
[87] (WO2016/118758)
[30] US (62/106,082) 2015-01-21
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[13] A1
[51] **Int.Cl. A61B 90/00 (2016.01) A61M 16/04 (2006.01) G09B 1/00 (2006.01)**
[25] EN
[54] **PROCEDURE LOCALIZATION AND/OR INSERTION**
[54] **DISPOSITIF POUR LOCALISATION ET/OU INSERTION DE PROCEDURE MEDICALE**
[72] KRIMSKY, WILLIAM SANFORD, US
[72] KOTHERA, CURT STEVEN, US
[72] SHAH, AMIT NAVIN, US
[72] HIEMENZ, GREGORY JOHN, US
[71] KRIMSKY, WILLIAM SANFORD, US
[71] KOTHERA, CURT STEVEN, US
[71] SHAH, AMIT NAVIN, US
[71] HIEMENZ, GREGORY JOHN, US
[85] 2017-07-21
[86] 2016-01-21 (PCT/US2016/014250)
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[30] US (62/106,403) 2015-01-22

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[13] A1
[51] **Int.Cl. G01R 33/02 (2006.01)**
[25] EN
[54] **DNV MAGNETIC FIELD DETECTOR**
[54] **DETECTEUR DE CHAMP MAGNETIQUE DE CENTRES AZOTE-LACUNE DE DIAMANT (DNV)**
[72] BOESCH, BRIAN P., US
[72] BRUCE, GREGORY SCOTT, US
[72] CAMMERATA, JEFF D., US
[72] COAR, DAVID NELSON, US
[72] EGAN, LAIRD NICHOLAS, US
[72] FISK, BRYAN NEAL, US
[72] LEW, WILBUR, US
[72] MANICKAM, ARUL, US
[72] SEKELSKY, STEPHEN MICHAEL, US
[72] STETSON, JOHN B., JR., US
[72] KAUP, PETER G., US
[72] JULIE LYNNE, MILLER, US
[72] RUSSO, JON C., US
[72] STOCKMAN, EMANUEL SOLOMON, US
[71] LOCKHEED MARTIN CORPORATION, US
[85] 2017-07-21
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[87] (WO2016/118791)
[30] US (62/107,289) 2015-01-23
[30] US (62/109,006) 2015-01-28
[30] US (62/109,551) 2015-01-29
[30] US (62/190,218) 2015-07-08
[30] US (62/190,209) 2015-07-08
[30] US (62/214,792) 2015-09-04
[30] US (62/257,988) 2015-11-20
[30] US (62/258,003) 2015-11-20
[30] US (62/261,643) 2015-12-01
[30] US (15/003,558) 2016-01-21
[30] US (15/003,062) 2016-01-21
[30] US (15/003,652) 2016-01-21
[30] US (15/003,677) 2016-01-21
[30] US (15/003,678) 2016-01-21
[30] US (15/003,177) 2016-01-21
[30] US (15/003,206) 2016-01-21
[30] US (15/003,193) 2016-01-21
[30] US (15/003,088) 2016-01-21
[30] US (15/003,519) 2016-01-21
[30] US (15/003,718) 2016-01-21
[30] US (15/003,209) 2016-01-21
[30] US (15/003,670) 2016-01-21
[30] US (15/003,704) 2016-01-21
[30] US (15/003,590) 2016-01-21
[30] US (15/003,176) 2016-01-21
[30] US (15/003,145) 2016-01-21
[30] US (15/003,309) 2016-01-21
[30] US (15/003,298) 2016-01-21
[30] US (15/003,292) 2016-01-21
[30] US (15/003,281) 2016-01-21
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[54] **FORMES SOLIDES D'ACIDE 2-(5-(3-FLUOROPHENYL)-3-HYDROXYPICOLINAMIDO)ACETIQUE, COMPOSITIONS ET UTILISATION DUDIT ACIDE**
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[72] LUONG, ANNE, CA
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[54] **INHIBITEURS CHROMENONE DE TRANSPORTEURS DE MONOCARBOXYLATE**
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[72] WANG, HUI, US
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[72] CLEVELAND, JOHN L., US
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[54] **INHIBITEURS HETEROCYCLIQUES DE TRANSPORTEURS DE MONOCARBOXYLATE**
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[72] CHOI, JUN YONG, US
[72] NAIR, REJI, US
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[72] GARCIA-SASTRE, ADOLFO, US
[72] KRAMMER, FLORIAN, US
[71] ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI, US
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[54] **DISTRIBUTEUR DE GAZ POUR COLONNE D'ECHANGE THERMIQUE ET/OU COLONNE DE TRANSFERT DE MASSE**
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[72] KRUG, KENNETH EDWARD, US
[72] FEWEL, KENNETH JACK, US
[71] TECHNIP PROCESS TECHNOLOGY, INC., US
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[72] REMMEL, HARMON, US
[72] GOLDMAN, DANIEL, US
[72] SILKWORTH, CHRISTOPHER, US
[72] CHANDLER, JONATHAN, US
[72] FIFIELD, JAMES, US
[72] FULLER, ADELAIDE, US
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[54] **DISPOSITIF DE TRANSPORT DE MATERIAU EN FEUILLES**
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[71] EZ LIFT CLAMP LLC, US
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[72] ZHOU, YIZHENG, US
[72] NJEMANZE, HUGH, US
[71] ANOMALI INCORPORATED, US
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[54] **ENSEMBLES DE COMMANDE DE FLUIDE, ET ENSEMBLES TUBE CAROTTIER ET CLOCHE DE REPECHAGE COMPRENANT CEUX-CI**
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[72] HOGAN, JEFF, CA
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[72] DENINA, GIOVANNI LAVISTE, US
[72] NGUYEN, HOANG THANH, US
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[54] **MATERIAU SOLUBLE DE MODELISATION TRIDIMENSIONNELLE**
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[72] YOSHIMURA, TADANORI, JP
[72] HIRAI, JOUJI, JP
[72] KIMURA, TAKUMA, JP
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[54] **AGENTS DE LIAISON OCTAMERES TETRASPECIFIQUES ET ANTICORPS ANTI-TOXINE A ET ANTI-TOXINE B DE CLOSTRIDIUM DIFFICILE POUR LE TRAITEMENT DE L'INFECTION A C. DIFFICILE**
[72] FENG, HANPING, US
[72] GUAN, YONGJUN, US
[72] ZHANG, YONGRONG, US
[72] YANG, ZHIYONG, US
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[72] WHITACRE, TIMOTHY, US
[72] GLEASON, BRIAN, US
[72] YOUSSEF, MOHAMED, US
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[54] **MATERIAUX RESISTANT AU FEU APPLIQUES PAR PULVERISATION ET RESISTANT A LA CORROSION**
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[72] LI, QUINGHUA, US
[71] UNITED STATES MINERAL PRODUCTS COMPANY, US
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[54] **APPAREIL ET PROCEDE DE CAPTURE D'IMAGE D'IMAGES DENTAIRES OU MEDICALES UTILISANT UN SYSTEME INFORMATIQUE ET UN APPAREIL PHOTOGRAPHIQUE MONTE SUR LA TETE**
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[54] **PROCEDE ET APPAREIL DE DIAGNOSTIC DE LESION CEREBRALE BASE SUR L'ANALYSE DES SPECTRES DE PUISSANCE DE FREQUENCE EMG**
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[54] **DISPOSITIF DE RETRAIT D'AXE DE CHARNIERE DE PORTE**
[72] FALLS, ROGER, CA
[71] KOP TOOLS NO.9659978 CANADA INC., CA
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[54] **SYSTEME ET PROCEDE POUR LA DETECTION DE COLLAGENE A L'AIDE DE L'IMAGERIE PAR RESONANCE MAGNETIQUE**
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[72] WRIGHT, GRAHAM A., CA
[71] SUNNYBROOK RESEARCH INSTITUTE, CA
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[54] **PROCEDE COMPRENANT UN PRETRAITEMENT AVEC DU DIOXYDE DE SOUFRE ET/OU DE L'ACIDE SULFUREUX ET HYDROLYSE ENZYMATIQUE**
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[72] TOLAN, JEFFREY S., CA
[72] MACDONALD, DANIEL, CA
[72] FOODY, PATRICK J., CA
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[54] **DERIVE DE RESORCINOL UTILISE EN TANT QU'INHIBITEUR DE HSP90**
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[72] DING, CHARLES Z., CN
[72] YAN, XIAOBING, CN
[72] HUANG, WEI, CN
[72] HU, GUOPING, CN
[72] LI, JIAN, CN
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[54] **TETE D'IMPRESSION DU TYPE GOUTTE A LA DEMANDE ET PROCEDE D'IMPRESSION**
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[54] **SYSTEME INTEGRE DE SUPPORT ET D'ACTIONNEMENT DE PRECISION POUR GRANDES STRUCTURES MOBILES**
[72] VIZCARGUENAGA VIZCARGUENAGA, ALBERTO, ES
[72] MURGA LLANO, GAIZKA, ES
[72] BILBAO ARECHABALA, ARMANDO, ES
[72] CAMPO DELGADO, RAMON, ES
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[72] MICHROWSKA-PIANOWSKA, ANNA ALEKSANDRA, DE
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[72] EVANS, RICHARD R., US
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[54] **DISPOSITIF DE REGULATION DE DISTRIBUTION DE FLUIDE**
[72] BABIN, LEE, CA
[72] GARVEY, BENJAMIN, CA
[72] SEKRETTA, GLEB, CA
[72] TROWER, ALASTAIR, CA
[72] HUNG, ORLANDO, CA
[71] FIVAMED INC., CA
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[54] **COMBINAISON DE FLOCULANT ET DE TENSIOACTIF POUR TRAITER DES EAUX USEES**
[72] ABTEW, ESTER, IL
[72] DOMB, ABRAHAM J., IL
[71] WETEQ S.A., LU
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[86] 2016-01-28 (PCT/IB2016/000907)
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[54] **INHIBITEURS DE TRKA KINASE**
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[72] TIRUNAGARU, VIJAYA G., IN
[71] GVK BIOSCIENCES PRIVATE LIMITED, IN
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[25] EN
[54] **HETEROCYCLIC COMPOUND AND PHARMACEUTICAL COMPOSITION COMPRISING THE SAME**
[54] **COMPOSE HETEROCYCLIQUE ET COMPOSITION PHARMACEUTIQUE COMPRENANT CELUI-CI**
[72] MIN, CHANGHEE, KR
[72] OH, BYUNGKYU, KR
[72] KIM, YONGEUN, KR
[72] PARK, CHANGMIN, KR
[71] BEYONDBIO INC., KR
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[51] **Int.Cl. B01J 13/00 (2006.01) A61K 9/107 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING NANOPARTICLE-IN-OIL DISPERSION**
[54] **PROCEDE DE PRODUCTION DE DISPERSION DE NANOPARTICULES DANS L'HUILE**
[72] SHIMIZU, MASATAKA, JP
[72] YAMAMOTO, KENJI, JP
[72] HAMAYAMA, SHINGO, JP
[71] MIYAZAKI PREFECTURE, JP
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[51] **Int.Cl. B64F 5/00 (2017.01) B23P 21/00 (2006.01)**
[25] EN
[54] **AIRCRAFT COMPONENT POSITIONING DEVICE, AIRCRAFT ASSEMBLY SYSTEM, AND AIRCRAFT ASSEMBLY METHOD**
[54] **DISPOSITIF DE POSITIONNEMENT DE COMPOSANTS D'AERONEF, SYSTEME D'ASSEMBLAGE D'AERONEF ET PROCEDE D'ASSEMBLAGE D'AERONEF**
[72] GOTO, TAKUYA, JP
[72] KANEKO, TSUYOSHI, JP
[72] MORI, HIROTO, JP
[72] TAKAHAGI, MICHINOBU, JP
[72] SUZUKI, HIDEYUKI, JP
[72] TAKESHITA, JUNICHI, JP
[72] WADA, JIRO, JP
[72] NAKAMURA, KATSUMI, JP
[71] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
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[25] EN
[54] **METHOD OF MANUFACTURING METAL NANO COIL**
[54] **PROCEDE DE PRODUCTION DE NANOBOBINE METALLIQUE**
[72] MURAOKA, MIKIO, JP
[72] KAMIHARA, NOBUYUKI, JP
[72] ISHIKAWA, NAOMOTO, JP
[72] TAKAYANAGI, TOSHIYUKI, JP
[72] HORIZONO, HIDEKI, JP
[72] HAYASHI, HIROAKI, JP
[72] YOSHIDA, OSAMU, JP
[72] TSUJI, KOTARO, JP
[71] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
[71] AKITA UNIVERSITY, JP
[71] TSUCHIYA CO., LTD., JP
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[54] **CARRYING HANDLE FOR A BUILDING COMPONENT**
[54] **POIGNEE DE TRANSPORT POUR UN ELEMENT DE CONSTRUCTION**
[72] ROYNESTAD, TOM TORALV, NO
[71] ROYNESTAD, TOM TORALV, NO
[71] ROB, FRANK, NO
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[54] **PROCEDE AUTOMATISE DE SELECTION DE SOUCHES MICROBIENNES CAPABLES DE DEGRADER OU D'EMULSIFIER UNE HUILE**
[72] KJOLHAMAR, ANE, NO
[72] SKARSTAD, ANITA, NO
[72] KOTLAR, HANS KRISTIAN, NO
[71] STATOIL PETROLEUM AS, NO
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[54] **DRIVESHAFT RETENTION ASSEMBLY**
[54] **ENSEMBLE DE RETENUE D'ARBRE D'ENTRAINEMENT**
[72] GHARIB, HOSSAM MOHAMED, CA
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[25] EN
[54] **SEGREGATED MULTI-MATERIAL METAL-MATRIX COMPOSITE TOOLS**
[54] **OUTILS EN COMPOSITE A MATRICE METALLIQUE A PLUSIEURS MATERIAUX SEPARES**
[72] COOK, GRANT O., III, US
[72] PARTHASARATHI PADMAREKHA, VENKKATEESH, US
[72] PAN, YI, US
[72] VOGLEWEDE, DANIEL BRENDAN, US
[72] OLSEN, GARRETT T., US
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[54] **MULTIVALENT MOLECULES COMPRISING DR5-BINDING DOMAINS**
[54] **MOLECULES MULTIVALENTES COMPRENANT DES DOMAINES DE LIAISON AU DR5**
[72] MOORE, PAUL A., US
[72] JOHNSON, LESLIE S., US
[72] LI, JONATHAN C., US
[72] SHAH, KALPANA, US
[71] MACROGENICS, INC., US
[85] 2017-07-24
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[30] US (62/107,871) 2015-01-26
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[25] EN
[54] **METHODS AND SYSTEM FOR VERIFYING A BRAKE SYSTEM IN A VEHICLE**
[54] **PROCEDES ET SYSTEME DE VERIFICATION D'UN SYSTEME DE FREINAGE DANS UN VEHICULE**
[72] RICHEY, KIMBERLY, US
[72] WANG, XIAOBIN, US
[71] SIEMENS INDUSTRY, INC., US
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[54] **TETE D'IMPRESSION A JET D'ENCRE CONTROLE ET PROCEDE D'IMPRESSION**
[72] JEUTE, PIOTR, PL
[72] ZAWADZKI, MACIEJ, PL
[71] JEUTE, PIOTR, PL
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[25] EN
[54] **NOVEL METHODS AND DEVICES TO STIMULATE THE FOLLICULAR NICHE USING ADIPOSE DERIVED REGENERATIVE CELLS AND ADIPOSE TISSUE**
[54] **NOUVEAUX PROCEDES ET DISPOSITIFS POUR STIMULER LA NICHE FOLLICULAIRE AU MOYEN DE CELLULES REGENERATIVES DERIVEES DU TISSU ADIPEUX ET AU MOYEN DE TISSU ADIPEUX**
[72] CONLAN, BRADFORD A., US
[72] DANIELS, ERIC, US
[71] KERASTEM TECHNOLOGIES LLC, US
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[54] **PASSIVE PHASED INJECTION LOCKED CIRCUIT**
[54] **CIRCUIT DE VERROUILLAGE DE PHASE PAR INJECTION PASSIF**
[72] SCHOBER, SUSAN MARYA, US
[72] SCHOBER, ROBERT C., US
[72] SHAPIRO, HERBERT, US
[71] CIRCUIT SEED, LLC, US
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[51] **Int.Cl. A61M 21/00 (2006.01) G02B 5/22 (2006.01) G02C 7/10 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR SIMULATING COGNITIVE IMPAIRMENT**
[54] **SYSTEME ET PROCEDE DE SIMULATION DE DEFICIENCE COGNITIVE**
[72] KUSMEC-AGUILAR, DEBRA C., US
[72] JORGENSEN, TIMOTHY, US
[71] INNOCORP, LTD., US
[85] 2017-07-24
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[54] **FOLD FLEX CIRCUIT FOR LNOP**
[54] **PLIAGE DE CIRCUIT FLEXIBLE POUR LNOP**
[72] SCHMIDT, JOHN, US
[72] TRIMAN, BENJAMIN, US
[71] MASIMO CORPORATION, US
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[86] 2016-02-05 (PCT/US2016/016890)
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[51] **Int.Cl. B64D 11/00 (2006.01)**
[25] EN
[54] **CEILING PANEL ASSEMBLY AND MOUNTING SYSTEM THEREFOR**
[54] **ENSEMBLE PANNEAU DE PLAFOND ET SON SYSTEME DE MONTAGE**
[72] SHIMIZU, BRUCE, US
[72] SAVIAN, SCOTT, US
[71] C&D ZODIAC, INC., US
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[25] EN
[54] **ACETABULUM RIM DIGITIZER DEVICE AND METHOD**
[54] **DISPOSITIF NUMERISEUR DE BORD D'ACETABULUM ET PROCEDE**
[72] FALARDEAU, BRUNO, CA
[72] DUVAL, KARINE, CA
[72] MOREAU-BELANGER, LAURENCE, CA
[72] PARADIS, FRANCOIS, CA
[72] LI, DI, CA
[72] VALIN, MYRIAM, CA
[72] PELLETIER, BENOIT, CA
[71] ORTHOSOFT INC., CA
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[51] **Int.Cl. E21B 47/18 (2012.01) E21B 47/24 (2012.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR DETERMINING ROTOR POSITION IN A FLUID PRESSURE PULSE GENERATOR**
[54] **PROCEDE ET APPAREIL DESTINES A DETERMINER LA POSITION D'UN ROTOR DANS UN GENERATEUR D'IMPULSIONS DE PRESSION DE FLUIDE**
[72] LOGAN, JUSTIN C., CA
[72] LOGAN, AARON W., CA
[71] EVOLUTION ENGINEERING INC., CA
[85] 2017-07-25
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[51] **Int.Cl. B60K 7/00 (2006.01)**
[25] EN
[54] **A WHEEL ASSEMBLY, A METHOD OF CONTROLLING THE MOTION OF AN OBJECT AND A GOLF CLUB STORAGE AND TRANSPORT DEVICE**
[54] **ENSEMBLE ROUE, PROCEDE PERMETTANT DE COMMANDER LE MOUVEMENT D'UN OBJET ET DISPOSITIF DE STOCKAGE ET DE TRANSPORT DE BATON DE GOLF**
[72] CAMERON, CLARK ANTHONY, AU
[71] CAMERON, CLARK ANTHONY, AU
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[25] EN
[54] **OPERATION AND CONTROL METHOD BASED ON TOUCH SCREEN, AND TERMINAL**
[54] **PROCEDE DE FONCTIONNEMENT ET DE COMMANDE BASE SUR UN ECRAN TACTILE, ET TERMINAL**
[72] TANG, YONG, CN
[72] LIAO, CHANGYAN, CN
[71] TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED, CN
[85] 2017-07-25
[86] 2016-01-11 (PCT/CN2016/070598)
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[30] CN (201510334762.X) 2015-06-16

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[51] **Int.Cl. H04W 72/04 (2009.01) H04W 74/08 (2009.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR TRANSMISSION IN GRANT-FREE UPLINK TRANSMISSION SCHEME**
[54] **SYSTEME ET PROCEDE DE TRANSMISSION DANS UN SCHEMA DE TRANSMISSION DE LIAISON MONTANTE SANS AUTORISATION**
[72] AU, KELVIN KAR KIN, CA
[72] ZHANG, LIQING, CA
[72] MA, JIANGLEI, CA
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2017-07-25
[86] 2016-01-25 (PCT/CN2016/071973)
[87] (WO2016/119651)
[30] US (14/606,665) 2015-01-27

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[51] **Int.Cl. A61K 33/36 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **COMPOSITIONS CONTAINING ARSENIC AND THEIR USE IN METHODS OF TREATMENT**
[54] **COMPOSITIONS CONTENANT DE L'ARSENIC ET LEUR UTILISATION DANS DES PROCEDES DE TRAITEMENT**
[72] EUTICK, MALVIN, AU
[71] EUPHARMA PTY LTD, AU
[85] 2017-07-25
[86] 2016-01-29 (PCT/AU2016/050046)
[87] (WO2016/119019)
[30] AU (2015900258) 2015-01-29

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[13] A1
[51] **Int.Cl. F16D 29/00 (2006.01) F16D 37/02 (2006.01)**
[25] EN
[54] **CABLE-DRIVEN SYSTEM WITH MAGNETORHEOLOGICAL FLUID CLUTCH APPARATUSES**
[54] **SYSTEME ENTRAINE PAR CABLE COMPRENANT DES APPAREILS D'EMBRAYAGE HYDRAULIQUE MAGNETORHEOLOGIQUE**
[72] PLANTE, JEAN-SEBASTIEN, CA
[72] DENNINGER, MARC, CA
[72] CHOUINARD, PATRICK, CA
[72] JULIO, GUIFRE, CA
[72] VIAU, JOEL, CA
[72] LAROSE, PASCAL, CA
[71] SOCIETE DE COMMERCIALISATION DES PRODUITS DE LA RECHERCHE APPLIQUEE SOCPRA SCIENCES ET GENIE S.E.C., CA
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[86] 2016-02-25 (PCT/CA2016/050191)
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[51] **Int.Cl. F04B 49/22 (2006.01)**
[25] EN
[54] **CONSTANT POWER REGULATION SYSTEM FOR DUPLEX AXIAL PLUNGER PUMP AND APPLICATIONS THEREOF**
[54] **SYSTEME DE REGULATION A PUISSANCE CONSTANTE POUR POMPE A PISTON PLONGEUR AXIAL DUPLEX ET SES APPLICATIONS**
[72] WAN, LIRONG, CN
[72] LU, ZHENGUO, CN
[72] ZENG, QINGLIANG, CN
[72] ZHANG, XIN, CN
[72] ZHONG, PEISI, CN
[72] WANG, LIANG, CN
[72] WANG, CHENGLONG, CN
[72] JIANG, SHOUBO, CN
[72] MENG, ZHAOSHENG, CN
[72] LI, WEIMIN, CN
[72] XU, DESHAN, CN
[72] WANG, RENHUI, CN
[71] SHANDONG UNIVERSITY OF SCIENCE AND TECHNOLOGY, CN
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[51] **Int.Cl. G09B 23/30 (2006.01) A61B 18/20 (2006.01)**
[25] EN
[54] **ANATOMICAL PHANTOM FOR SIMULATED LASER ABLATION PROCEDURES**
[54] **FANTOME ANATOMIQUE POUR PROCEDURES D'ABLATION LASER SIMULEES**
[72] WALLO, AMANDA RENEE, CA
[72] FERNALD, BRADLEY ALLAN, CA
[72] WHITTON, GREGORY ALLAN, CA
[72] KERINS, FERGAL, CA
[71] SYNAPTIVE MEDICAL (BARBADOS) INC., BB
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[51] **Int.Cl. A61B 34/00 (2016.01) A61B 34/20 (2016.01) A61B 5/107 (2006.01) A61B 17/74 (2006.01) A61F 2/32 (2006.01) A61F 2/46 (2006.01)**
[25] EN
[54] **LEG LENGTH CALCULATION IN COMPUTER-ASSISTED SURGERY**
[54] **CALCUL DE LONGUEUR DE JAMBE EN CHIRURGIE ASSITEE PAR ORDINATEUR**
[72] DUVAL, KARINE, CA
[72] LI, DI, CA
[72] MOREAU-BELANGER, LAURENCE, CA
[72] PELLETIER, BENOIT, CA
[72] LEONE, YVAN, CA
[72] VALIN, MYRIAM, CA
[72] PARADIS, FRANCOIS, CA
[71] ORTHOSOFT INC., CA
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[86] 2016-02-02 (PCT/CA2016/050090)
[87] (WO2016/123704)
[30] US (62/110,861) 2015-02-02

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[13] A1
[51] **Int.Cl. H02J 3/38 (2006.01) H02P 9/00 (2006.01) H02J 3/18 (2006.01)**
[25] EN
[54] **CONTROL METHOD FOR A SYSTEM COMPRISING A FREQUENCY CONVERTER CONNECTED TO A POWER GRID**
[54] **PROCEDE DE COMMANDE POUR SYSTEME COMPRENANT UN CONVERTISSEUR DE FREQUENCE CONNECTE A UN RESEAU ELECTRIQUE**
[72] GIL LIZARBE, BEATRIZ, ES
[72] GIRONES REMIREZ, CARLOS, ES
[72] SANZ CEBALLOS, EDUARDO, ES
[71] INGETEAM POWER TECHNOLOGY, S.A., ES
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[86] 2015-02-02 (PCT/ES2015/070070)
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[51] **Int.Cl. A61N 5/06 (2006.01)**
[25] EN
[54] **METHOD, SYSTEM AND APPARATUS FOR NON-INVASIVE NEUROSTIMULATION THERAPY OF THE BRAIN**
[54] **PROCEDE, SYSTEME ET APPAREIL POUR UNE THERAPIE DE NEUROSTIMULATION NON INVASIVE DU CERVEAU**
[72] LIM, LEW, CA
[71] LIM, LEW, CA
[85] 2017-07-25
[86] 2015-11-23 (PCT/IB2015/059041)
[87] (WO2016/151377)
[30] US (62/136,411) 2015-03-20

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[13] A1
[51] **Int.Cl. A61K 31/515 (2006.01)**
[25] EN
[54] **COMPOSITION AND METHOD FOR TREATING SEIZURE DISORDERS**
[54] **COMPOSITIONS ET PROCEDES DE TRAITEMENT DE TROUBLES EPILEPTIQUES**
[72] MUKUNDA, RAMACHANDRA, US
[72] KRISHNA, RANGA CHELVA, US
[71] INDIA GLOBALIZATION CAPITAL, INC., US
[85] 2017-07-24
[86] 2016-01-14 (PCT/US2016/013323)
[87] (WO2016/118391)
[30] US (62/107,432) 2015-01-25

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[54] **NOUVEAUX BACTERIOPHAGES DE SHIGELLA ET LEURS UTILISATIONS**
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[72] SULAKVELIDZE, ALEXANDER, US
[71] INTRALYTIX, INC., US
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[54] **SYSTEMS AND METHODS FOR MERGING DIGITAL CINEMA PACKAGES FOR A MULTISCREEN ENVIRONMENT**
[54] **SYSTEMES ET PROCEDES DE FUSION DE PAQUETAGES DE CINEMA NUMERIQUE POUR ENVIRONNEMENT MULTI-ECRANS**
[72] DELVAUX, JEROME, US
[72] DUYVEJONCK, DIEGO, US
[72] GOCKE, ALEXANDER WILLIAM, US
[71] BARCO, INC., US
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[54] **METHODS AND SYSTEMS FOR THE DETECTION AND REMOVAL OF PATHOGENS FROM BLOOD**
[54] **PROCEDES ET SYSTEMES POUR LA DETECTION ET L'ELIMINATION D'AGENTS PATHOGENES DU SANG**
[72] VAN BRUGGEN, ROBIN, NL
[72] VISSER, ASTRID ELISABETH, NL
[71] STICHTING SANQUIN BLOEDVOORZIENING, NL
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[54] **ENHANCED OIL RECOVERY AND ENVIRONMENTAL REMEDIATION**
[54] **RECUPERATION D'HYDROCARBURES ET REMEDIATION DE L'ENVIRONNEMENT AMELIOREES**
[72] KJOLHAMAR, ANE, NO
[72] SKARSTAD, ANITA, NO
[71] STATOIL PETROLEUM AS, NO
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[54] **TREATMENT OF H. PYLORI INFECTIONS USING MTAN INHIBITORS**
[54] **TRAITEMENT D'INFECTIONS DUES A H PYLORI A L'AIDE D'INHIBITEURS DE LA MTAN**
[72] SCHRAMM, VERN L., US
[72] CLINCH, KEITH, NZ
[72] GULAB, SHIVALI ASHWIN, NZ
[71] VICTORIA LINK LIMITED, NZ
[71] ALBERT EINSTEIN COLLEGE OF MEDICINE, INC., US
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[54] **APPLIED MAGNETIC FIELD SYNTHESIS AND PROCESSING OF IRON NITRIDE MAGNETIC MATERIALS**
[54] **SYNTHESE DE CHAMP MAGNETIQUE APPLIQUE ET TRAITEMENT DE MATERIAUX MAGNETIQUES A BASE DE NITRURE DE FER**
[72] WANG, JIAN-PING, US
[72] JIANG, YANFENG, US
[71] REGENTS OF THE UNIVERSITY OF MINNESOTA, US
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[54] **METHODS OF PREVENTING SECONDARY INFECTIONS**
[54] **PROCEDES POUR PREVENIR DES INFECTIONS SECONDAIRES**
[72] SAGI, IRIT, IL
[72] TALMI-FRANK, DALIT, IL
[72] SOLOMONOV, INNA, IL
[72] AMIT, IDO, IL
[71] YEDA RESEARCH AND DEVELOPMENT CO. LTD., IL
[85] 2017-07-25
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[54] **METAL-CONTAINING OXIDIZED CELLULOSE NANOFIBER DISPERSION AND METHOD OF PRODUCING THE SAME**
[54] **DISPERSION DE NANOFIBRES DE CELLULOSE OXYDEE CONTENANT UN METAL ET PROCEDE DE PREPARATION ASSOCIE**
[72] SONE, ATSUSHI, JP
[72] ISOGAI, AKIRA, JP
[71] ZEON CORPORATION, JP
[71] THE UNIVERSITY OF TOKYO, JP
[85] 2017-07-25
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[54] **ELASTIC CRAWLER AND ELASTIC CRAWLER DRIVE MECHANISM**
[54] **CHENILLE ELASTIQUE ET MECANISME D'ENTRAINEMENT DE CHENILLE ELASTIQUE**
[72] MIZUSAWA, TAKASHI, JP
[71] BRIDGESTONE CORPORATION, JP
[85] 2017-07-25
[86] 2016-02-12 (PCT/JP2016/000747)
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[25] EN
[54] **CUTTING DEVICE AND CUTTING METHOD**
[54] **DISPOSITIF DE COUPE ET D'USINAGE ET PROCEDE DE COUPE ET D'USINAGE**
[72] NISHIMURA, RYUICHI, JP
[72] ITO, YASUHIRO, JP
[72] NAKAZAWA, YOSHIAKI, JP
[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
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[54] **LOW-TEMPERATURE-CURABLE CROSS-SECTION REPAIR MATERIAL, AND CROSS-SECTION REPAIRING METHOD USING THE SAME**
[54] **MATERIAU DE REPARATION DE SECTION TRANSVERSALE DURCISSABLE A BASSE TEMPERATURE, ET PROCEDE DE REPARATION DE SECTION TRANSVERSALE A L'AIDE DE CE DERNIER**
[72] KUROKI, KUNIHIRO, JP
[72] UMINO, ATSUSHI, JP
[71] SHOWA DENKO K.K., JP
[85] 2017-07-25
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[54] **CATALYST-CARRIER CARBON MATERIAL, SOLID-POLYMER FUEL CELL CATALYST, SOLID-POLYMER FUEL CELL, AND METHOD FOR MANUFACTURING CATALYST-CARRIER CARBON MATERIAL**
[54] **MATERIAU CARBONE SUPPORT DE CATALYSEUR, CATALYSEUR DE PILE A COMBUSTIBLE A POLYMERE SOLIDE, PILE A COMBUSTIBLE A POLYMERE SOLIDE, ET PROCEDE DE FABRICATION DE MATERIAU CARBONE SUPPORT DE CATALYSEUR**
[72] IIJIMA, TAKASHI, JP
[72] NEGI, NORIYUKI, JP
[72] HIYOSHI, MASATAKA, JP
[72] MATSUMOTO, KATSUMASA, JP
[72] FURUKAWA, SHINYA, JP
[72] TADOKORO, KENICHIRO, JP
[72] NISHIMOTO, TAKUMI, JP
[72] HAYASHIDA, HIROYUKI, JP
[72] KOUNO, TAKUMI, JP
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[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[71] NIPPON STEEL & SUMIKIN CHEMICAL CO., LTD., JP
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[54] **WATER TREATMENT SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE TRAITEMENT DE L'EAU**
[72] NOURBAKHSH, SEYED, CA
[72] YARAGHI, AMIRSALAR, CA
[72] MUTTOO, TIMOTHY, CA
[72] MESHKAHALDINI, MOHAMMAD, CA
[71] FORMARUM INC., CA
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[54] **MATERIAU REFRACTAIRE MONOLITHIQUE THERMO-ISOLANT**
[72] KONO, KOJI, JP
[72] KURIHARA, TOSHIMITSU, JP
[72] MATSUTANI, YUKI, JP
[72] IKEBE, TETSUNORI, JP
[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
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[54] **URINE COLLECTION DEVICE FOR DEPENDENT PATIENTS**
[54] **DISPOSITIF DE COLLECTE D'ECHANTILLONS D'URINE POUR PATIENTS DEPENDANTS**
[72] SILLER GONZALEZ, ANDREA, MX
[72] DE HOYOS REYES, ALICIA, MX
[72] GALAZ MENDEZ, RAMSES, MX
[72] TORRES FLORES, ADRIANA, MX
[71] SILLER GONZALEZ, ANDREA, MX
[71] DE HOYOS REYES, ALICIA, MX
[71] GALAZ MENDEZ, RAMSES, MX
[71] TORRES FLORES, ADRIANA, MX
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[54] **APPARATUS AND METHOD**
[54] **DISPOSITIF ET PROCEDE**
[72] TAKANO, HIROAKI, JP
[71] SONY CORPORATION, JP
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[54] **RESEAU ULTRASONORE RACCORDE A INTERNET**
[72] MELODIA, TOMMASO, US
[72] SANTAGATI, GIUSEPPE ENRICO, US
[71] NORTHEASTERN UNIVERSITY, US
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[54] **BROTH COMPOSITIONS AND THEIR USE AS PREBIOTICS**
[54] **COMPOSITIONS DE BOUILLON ET LEUR UTILISATION EN TANT QUE PREBIOTIQUES**
[72] LYNCH, STEPHANIE, US
[72] DURHAM, PAUL L., US
[72] NORTON, RHY, US
[72] HAWKINS, JORDAN L., US
[72] DAKE, ROGER, L., US
[71] INTERNATIONAL DEHYDRATED FOODS, INC., US
[71] LYNCH, STEPHANIE, US
[71] DURHAM, PAUL L., US
[71] NORTON, RHY, US
[71] HAWKINS, JORDAN L., US
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[54] **CHECKPOINT INHIBITOR AND VACCINE COMBINATIONS AND USE OF SAME FOR IMMUNOTHERAPY**
[54] **ASSOCIATIONS D'INHIBITEURS DE POINT DE CONTROLE IMMUNITAIRES ET DE VACCINS, ET LEUR UTILISATION EN IMMUNOTHERAPIE**
[72] WEINER, DAVID, US
[72] MUTHUMANI, KARUPPIAH, US
[72] SARDESAI, NIRANJAN, US
[71] THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA, US
[71] INOVIO PHARMACEUTICALS, INC., US
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[54] **SYNTHETIC MOLDED SLABS, AND SYSTEMS AND METHODS RELATED THERETO**
[54] **DALLES MOULEES SYNTHETIQUES, ET SYSTEMES ET PROCEDES ASSOCIES**
[72] GRZESKOWIAK, JON LOUIS, II, US
[72] DAVIS, MARTIN E., US
[71] CAMBRIA COMPANY LLC, US
[85] 2017-07-25
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[54] **METHOD FOR PRODUCING HYDROGELS COUPLING HIGH ELASTIC MODULUS AND ABSORBANCE**
[54] **PROCEDE POUR LA PRODUCTION DE D'HYDROGELS A MODULE D'ELASTICITE ELEVE COUPLE AVEC UNE HAUTE DENSITE OPTIQUE**
[72] SANNINO, ALESSANDRO, IT
[72] DEMITRI, CHRISTIAN, IT
[72] ZOHAR, YISHAI, US
[72] RON, EYAL S., US
[72] HAND, BARRY J., US
[72] SAPONARO, COSIMO, IT
[71] GELESIS LLC, US
[85] 2017-07-25
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[25] EN
[54] **AUTO-CALIBRATION OF AUTOMATIC GRADE CONTROL SYSTEM IN A WORKING MACHINE**
[54] **AUTO-ETALONNAGE DE SYSTEME DE COMMANDE AUTOMATIQUE DE NIVEAU DANS UN ENGIN ROUTIER**
[72] PAYNE, BYRON, US
[72] ENSELL, JEFFERY A., US
[71] ROADTEC, INC., US
[85] 2017-07-25
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[25] EN
[54] **METHOD OF ADDITIVE MANUFACTURING BY INTERMITTENT EXPOSURE**
[54] **PROCEDE DE FABRICATION D'ADDITIF PAR EXPOSITION INTERMITTENTE**
[72] MOORE, DAVID, US
[71] CARBON3D, INC., US
[85] 2017-07-25
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[54] **METHOD AND SYSTEM FOR ANALYSIS OF USER DATA BASED ON SOCIAL NETWORK CONNECTIONS**
[54] **PROCEDE ET SYSTEME D'ANALYSE DE DONNEES UTILISATEUR SUR DES RELATIONS DE RESEAU SOCIAUX**
[72] EYAL, GIL, US
[72] TAMIR, GUY, IL
[71] MOGIMO, INC., US
[85] 2017-07-25
[86] 2016-02-10 (PCT/US2016/017245)
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[54] **CHIMERIC ANTIGEN RECEPTORS**
[54] **RECEPTEURS ANTIGENIQUES CHIMERIQUES**
[72] TANAKA, SHINYA, JP
[72] HIRANO, NAOTO, CA
[72] KAGOYA, YUKI, CA
[71] TAKARA BIO INC., JP
[71] UNIVERSITY HEALTH NETWORK (UHN), CA
[85] 2017-07-26
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[25] EN
[54] **COMPOUNDS FOR ENHANCING PPAR.GAMMA. EXPRESSION AND NUCLEAR TRANSLOCATION AND THERAPEUTIC USE THEREOF**
[54] **COMPOSES POUR AUGMENTER L'EXPRESSION ET LA TRANSLOCATION NUCLEAIRE DE PPARG ET UTILISATION THERAPEUTIQUE CORRESPONDANTE**
[72] LIN, JEN CHENG, CN
[72] LIN, CHUN-CHIEH, CN
[72] LEE, HSU-TUNG, CN
[72] FAN, YU-MING, CN
[72] TSAI, JUI-CHI, CN
[72] DU, YING-CHI, CN
[71] REALINN LIFE SCIENCE LIMITED, TW
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[54] **METHODS AND SYSTEMS FOR PROVIDING INFORMATION FOR AN ON-DEMAND SERVICE**
[54] **PROCEDE DE FOURNITURE D'INFORMATIONS ET SYSTEME DE SERVICE A LA DEMANDE**
[72] CHEN, YE, CN
[72] ZHUO, CHENGXIANG, CN
[72] WU, ZHAOXUE, CN
[72] XU, MING, CN
[72] QIN, KAIJIE, CN
[72] ZHANG, YAJIE, CN
[72] LU, HAIYANG, CN
[72] GUO, DONG, CN
[72] YU, PENG, CN
[72] LU, YANJUN, CN
[72] BAO, WENYI, CN
[71] BEIJING DIDI INFINITY TECHNOLOGY AND DEVELOPMENT CO., LTD., CN
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[30] CN (201510239402.1) 2015-05-12
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[54] **DEVICE AND METHOD FOR THE GLUING OF PARTICLES**
[54] **DISPOSITIF ET PROCEDE D'ENCOLLAGE DE PARTICULES**
[72] GEHRER, UDO, DE
[72] HICKER, JOHANNES, DE
[72] HICKER, ROLAND, DE
[71] BRAV-O-TECH GMBH, DE
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[54] **SYSTEMS AND METHODS FOR TARGETED UVB PHOTOTHERAPY FOR DERMATOLOGIC DISORDERS AND OTHER INDICATIONS**
[54] **SYSTEMES ET PROCEDES POUR PHOTOTHERAPIE UVB CIBLEE POUR TROUBLES DERMATOLOGIQUES ET AUTRES INDICATIONS**
[72] MOFFAT, WILLIAM A., US
[71] BENESOL, INC., US
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[72] BURPO, STEVEN J., US
[72] ANTONIO, ALLYSON, US
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[72] AGRAWAL, DEVESH KUMAR, US
[72] SURESH, RADHIKA, US
[72] KUZNETSOV, OLEKSANDR V., US
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[72] BLY, ROBERT R., US
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[72] CULLINANE, JOHN T., US
[72] LO CASCIO, MAURO, US
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[54] **MATERIAU HEMOSTATIQUE SERVANT A REDUIRE OU ARRETER LE SAIGNEMENT**
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[72] DARBY, ANDREW, GB
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[72] KNOERZER, ANTHONY ROBER, US
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[72] GREWAL, EMILY B., US
[72] CHUNG, ANDREW, US
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[72] LEVIN, SANUEL, US
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[72] WATKINS, CHRISTOPHER D., US
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[71] GUILDLINE INSTRUMENTS LIMITED, CA
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[72] DATTA, SAURABH, US
[72] MAST, T. DOUGLAS, US
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[54] **GESTION DE CONNEXION A UN RESEAU DE DONNEES POUR COMMUNICATION MOBILE EN FONCTION D'EMPLACEMENT D'UTILISATEUR**
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[72] GIARETTA, GERARDO, US
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[72] SONG, OSOK, US
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[72] DE ASSIS, IGOR RIBEIRO, US
[71] FACEBOOK, INC., US
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[71] SYS-TECH SOLUTIONS, INC., US
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[72] BYRON, LEE WILLIAMS, US
[72] SCHAFER, DANIEL L., US
[71] FACEBOOK, INC., US
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[54] **PRODUCTION METHOD OF ISOXAZOLINE-SUBSTITUTED BENZOIC ACID AMIDE COMPOUND**
[54] **PROCEDE DE PRODUCTION D'UN COMPOSE AMIDE DE L'ACIDE BENZOIQUE A SUBSTITUTION ISOXAZOLINE**
[72] KOUSAKA, HIROYUKI, JP
[72] FUKUYA, SHUNSUKE, JP
[72] MORIYAMA, YUJI, JP
[72] YAOSAKA, MANABU, JP
[72] MIZUKOSHI, TAKASHI, JP
[71] NISSAN CHEMICAL INDUSTRIES, LTD., JP
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[54] **WIRELESS TRANSMISSION OF MEDIA FROM A MEDIA PLAYER**
[54] **TRANSMISSION MEDIATIQUE SANS FIL A PARTIR DE LECTEUR MULTIMEDIA**
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[72] ZADESKY, STEPHEN PAUL, US
[72] FILSON, JOHN BENJAMIN, US
[71] APPLE INC., US
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[54] **METHOD AND APPARATUS FOR MODEL-BASED DETECTION OF STRUCTURE IN PROJECTION DATA**
[54] **PROCEDE ET APPAREIL DE RECONNAISSANCE DE STRUCTURE A BASE DE MODELE DANS UNE PROJECTION NUMERISEE**
[72] MUNDY, JOSEPH L., US
[72] KIMIA, BENJAMIN, US
[71] BROWN UNIVERSITY, US
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[54] **APPARATUS AND METHOD FOR PERFORMING MOTION CAPTURE USING SHUTTER SYNCHRONIZATION**
[54] **APPAREIL ET METHODE PERMETTANT DE CAPTER LE MOUVEMENT PAR LA SYNCHRONISATION D'OBTURATEURS**
[72] LASALLE, GREG, US
[72] VAN DER LAAN, ROGER, US
[72] PERLMAN, STEPHEN G., US
[72] SPECK, JOHN, US
[72] COTTER, TIMOTHY S., US
[72] PEARCE, KENNETH A., US
[71] REARDEN MOVA, LLC, US
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[54] **PROCESS FOR IMPROVED OPIOID SYNTHESIS**
[54] **PROCEDE POUR LA SYNTHESE AMELIOREE D'OPIOIDES**
[72] MCCARTHY, KEITH, US
[72] GIGUERE, JOSHUA R., US
[72] GEBBIE, STUART JAMES, US
[72] RIDER, LONN S., US
[71] RHODES TECHNOLOGIES, US
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[54] **A PAD DRILLING METHOD FOR DRILLING MULTIPLE WELLS AND A MULTI-WELL PAD SYSTEM EMPLOYING THE SAME**
[54] **UNE METHODE DE FORAGE SUR SOCLE SERVANT A FORER PLUSIEURS PUITS ET UN SYSTEME DE SOCLE MULTIPUITS EMPLOYANT LADITE METHODE**
[72] LEROUX, ASHLEY, CA
[71] INTEGRATED THERMAL SOLUTIONS LTD., CA
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[54] **FLIGHT CONTROL LAWS FOR AUTOMATIC HOVER HOLD**
[54] **LOIS DE COMMANDES DE VOL POUR MAINTIEN AUTOMATIQUE EN VOL STATIONNAIRE**
[72] CHRISTENSEN, KEVIN THOMAS, US
[72] SHUE, SHYHPYNG JACK, US
[72] CAUDILL, TROY SHELDON, US
[71] BELL HELICOPTER TEXTRON INC., US
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[54] **DYNAMIC ADJUSTMENT OF DOWNLINK/UPLINK ALLOCATION RATIO IN TDD WIRELESS SYSTEMS**
[54] **ADAPTATION DYNAMIQUE DU RAPPORT D'ATTRIBUTION DE LIAISON DESCENDANTE/LIAISON MONTANTE DANS DES SYSTEMES SANS FIL TDD**
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[72] FANG, YONGGANG, US
[71] ZTE (USA) INC., US
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[54] **INFORMATION NOTIFICATION SAMPLE PROCESSING SYSTEM AND METHODS OF BIOLOGICAL SLIDE PROCESSING**
[54] **SYSTEME DE TRAITEMENT D'ECHANTILLONS A NOTIFICATION D'INFORMATIONS ET TRAITEMENTS DE LAMES BIOLOGIQUES**
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[72] KEY, MARC, US
[72] WELCHER, ROSANNE, US
[72] FAVUZZI, JOHN, US
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[54] **FRICTION STIR WELD PLUGS AND METHODS OF USING THEREOF**
[54] **BOUCHONS DE SOUDAGE PAR FRICTION-MALAXAGE ET LEURS PROCEDES D'UTILISATION**
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[72] HELVEY, AMY M., US
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[71] THE BOEING COMPANY, US
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[54] **IMMUNOMODULATION USING PLACENTAL STEM CELLS**
[54] **IMMUNOMODULATION REALISEE AVEC DES CELLULES SOUCHES PLACENTAIRES**
[72] PALUDAN, CASPER, US
[72] EDINGER, JAMES, US
[72] HARBACHEUSKI, RYHOR, US
[72] MURRAY, ROSEANN, US
[72] HARIRI, ROBERT J., US
[71] ANTHROGENESIS CORPORATION, US
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[54] **FEEDBACK SYSTEMS AND METHODS FOR COMMUNICATING DIAGNOSTIC AND/OR TREATMENT SIGNALS TO ENHANCE OBESITY TREATMENTS**
[54] **SYSTEMES DE RETOUR ET PROCEDES POUR COMMUNIQUER DES SIGNAUX DE DIAGNOSTIC ET/OU DE TRAITEMENT POUR AMELIORER LES TRAITEMENTS DE L'OBESITE**
[72] BRYNELSEN, CHARLES R., US
[72] VOLZING, MACE, US
[72] PROVINCE, ROSE, US
[72] HEDMAN, MIKE, US
[72] HILLS, MATTHEW, US
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[54] **MULTI-CHANNEL AUDIO DECODER, MULTI-CHANNEL AUDIO ENCODER, METHODS AND COMPUTER PROGRAM USING A RESIDUAL-SIGNAL-BASED ADJUSTMENT OF A CONTRIBUTION OF A DECORRELATED SIGNAL**
[54] **DECODEUR AUDIO MULTICANAL, CODEUR AUDIO MULTICANAL, PROCEDES ET PROGRAMME D'ORDINATEUR UTILISANT UN REGLAGE A BASE DE SIGNAL RESIDUEL D'UNE CONTRIBUTION D'UN SIGNAL DECORRELE**
[72] DICK, SASHA, DE
[72] HELMRICH, CHRISTIAN, DE
[72] HILPERT, JOHANNES, DE
[72] HOLZER, ANDREAS, DE
[71] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
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[54] **PROFILING ITEM SELLERS TO INFORM ITEM PURCHASING DECISIONS AND BUILD TRUST IN A MULTIPLE-SELLER MARKETPLACE**
[54] **PROFILAGE DE VENDEURS D'OBJETS AUX FINS DE FOURNITURE D'INFORMATIONS DESTINEES A DES DECISIONS D'ACHAT D'OBJETS ET D'ETABLISSEMENT DE CONFIANCE DANS UN MARCHE PRESENTANT PLUSIEURSVENDEURS**
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[72] O'NEILL, SEAN M., US
[71] AMAZON TECHNOLOGIES, INC., US
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[54] **TOP DRIVE SYSTEM**
[54] **SYSTEME D'ENTRAINEMENT PAR LE HAUT**
[72] HEIDECKE, KARSTEN, US
[72] RIALS, ROSS, US
[72] FISHER, RALEIGH, US
[72] OLSTAD, DELANEY MICHAEL, US
[71] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
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[54] **METHODS FOR THE COMMERCIAL PRODUCTION OF TRANSGENIC PLANTS**
[54] **PROCEDES DE PRODUCTION A DES FINS COMMERCIALES DE PLANTES TRANSGENIQUES**
[72] DALLMIER, KENNETH A., US
[72] QUADT, RENE, US
[72] SILVERSTONE, ARON LOUIS, US
[71] SYNGENTA PARTICIPATIONS AG, CH
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[54] **SYSTEMS AND METHODS FOR ESTIMATING BLOOD FLOW CHARACTERISTICS FROM VESSEL GEOMETRY AND PHYSIOLOGY**
[54] **SYSTEMES ET PROCEDES D'ESTIMATION DE CARACTERISTIQUES DE CIRCULATION SANGUINE A PARTIR D'UNE GEOMETRIE ET D'UNE PHYSIOLOGIE DE VAISSEAU**
[72] GRADY, LEO, US
[72] CHOI, GILWOO, US
[72] SINGER, MICHAEL, US
[71] HEARTFLOW, INC., US
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[41] 2014-03-20
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[54] **PROCESS OF PREPARING FUEL IN WATER EMULSIONS FROM OIL REFINING RESIDUES**
[54] **PROCEDE DE PREPARATION D'EMULSIONS CARBURANT DANS EAU A PARTIR DE RESIDUS DE RAFFINAGE DU PETROLE**
[72] OCAMPO BARRERA, RENE, MX
[72] ESPITIA, MARTHA GARCIA, MX
[72] CEBALLOS SERENA, ANDRES ALBERTO, MX
[71] INSTITUTO MEXICANO DEL PETROLEO, MX
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[54] **QUICK-MOUNTING ACCESSORY FOR A TRUCK**
[54] **ACCESSOIRE DE FIXATION RAPIDE POUR CAMION**
[72] MOORMAN, SCOTT, US
[71] BUYER'S PRODUCTS COMPANY, US
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[25] EN
[54] **METHOD AND SYSTEM FOR SETTING QUALITY OF SERVICE FOR A BEARER IN RESPONSE TO AN EMERGENCY EVENT**
[54] **PROCEDE ET SYSTEME PERMETTANT DE DETERMINER LA QUALITE DE SERVICE D'UNE PORTEUSE EN REPONSE A UN EVENEMENT D'URGENCE**
[72] MILLER, TRENT J., US
[72] AGULNIK, ANATOLY, US
[72] EKL, RANDY L., US
[72] MAROCCHI, JAMES A., US
[72] PANDEY, APARNA, US
[72] THOMAS, PETER E., US
[71] MOTOROLA SOLUTIONS, INC., US
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[54] **CATHETER AND GUIDE TUBE FOR INTRACEREBRAL APPLICATION**
[54] **CATHETER ET TUBE DE GUIDAGE DESTINES A DES APPLICATIONS INTRACEREBRALES**
[72] GILL, STEVEN STREATFIELD, GB
[71] RENISHAW PLC, GB
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[51] **Int.Cl. C07D 261/08 (2006.01) A61K 31/42 (2006.01) A61P 25/00 (2006.01) A61P 25/28 (2006.01)**
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[54] **COMPOSES ISOXAZOLE THERAPEUTIQUES**
[72] KAPLAN, ALAN P., US
[72] KEENAN, TERENCE P., US
[72] MCRINER, ANDREW J., US
[71] DART NEUROSCIENCE (CAYMAN) LTD., KY
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[54] **PROCESS FOR THE PRODUCTION OF ALPHA-TOCOTRIENOL AND DERIVATIVES**
[54] **PROCEDE DE PRODUCTION D'ALPHA-TOCOTRIENOL ET DE SES DERIVES**
[72] WESSON, KIERON E., US
[72] HINMAN, ANDREW W., US
[72] JANKOWSKI, ORION D., US
[71] BIOELECTRON TECHNOLOGY CORPORATION, US
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[51] **Int.Cl. H04L 12/24 (2006.01) G06F 21/45 (2013.01) H04L 9/00 (2006.01) H04L 9/32 (2006.01)**
[25] EN
[54] **ACCOUNT MANAGEMENT FOR MULTIPLE NETWORK SITES**
[54] **GESTION DE COMPTES POUR PLUSIEURS SITES DE RESEAU**
[72] HITCHCOCK, DANIEL W., US
[72] CAMPBELL, BRAD LEE, US
[71] AMAZON TECHNOLOGIES, INC., US
[22] 2013-01-30
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[62] 2,861,384
[30] US (13/363,654) 2012-02-01
[30] US (13/363,664) 2012-02-01
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[51] **Int.Cl. H04N 19/124 (2014.01) H04N 19/174 (2014.01)**
[25] EN
[54] **IMAGE PROCESSING APPARATUS AND METHOD**
[54] **DISPOSITIF ET PROCEDE DE TRAITEMENT D'IMAGES**
[72] SATO, KAZUSHI, JP
[71] SONY CORPORATION, JP
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[41] 2011-12-08
[62] 2,798,927
[30] JP (2010-129414) 2010-06-04
[30] JP (2010-222300) 2010-09-30
[30] JP (2011-053479) 2011-03-10
[30] JP (2011-054816) 2011-03-11

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[51] **Int.Cl. E21B 34/14 (2006.01) E21B 34/10 (2006.01)**
[25] EN
[54] **WELLBORE STIMULATION ASSEMBLIES AND METHODS OF USING THE SAME**
[54] **ENSEMBLES DE SIMULATION DE PUITS DE FORAGE ET PROCEDES D'UTILISATION CORRESPONDANTS**
[72] NORRID, WILLIAM MARK, US
[72] DEYO, BENJAMIN EDWARD, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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ASHWORTH BROS., INC.	2,871,775
ASOLKAR, RATNAKAR	2,865,237
ASSINK, BRYCE K.	2,886,973
ASSMANN, LUTZ	2,708,414
ASTELY, DAVID	2,790,291
ASTON, DAVID	2,917,139
ASTRIUM LIMITED	2,748,588
ATKINSON, IAN MALCOM	2,703,507
ATLANTA KITCHEN EQUIPMENT, INC.	2,905,113
ATOMIC ENERGY OF CANADA LIMITED	2,766,470
AU, VAN	2,772,716
AUMUELLER, HANS JUERGEN	2,773,160
AVENT, INC.	2,945,072
AWASTHI, ATUL	2,743,551
AWID, ABDURREZAGH	2,746,901
AYME, ARNAUD	2,699,492
AZHAKANANDAM, KASI	2,764,570
AZOUANI, SABINE	2,711,041
BADDOURAH, MAJDI A.	2,870,472
BADER, NICOLAS ALAIN	2,802,159
BAE, MIN A.	2,910,461
BAIN, SIMON IAN	2,840,846
BAKER, MARK	2,858,016
BAKKER, JOHANNES ANTONIUS	2,757,112
BALLAROTTI, MARIO	2,786,652
BAMBI, PIERO	2,778,299
BANKS, RODNEY H.	2,698,107
BARBULOVUIC-NAD, IRENA	2,639,954
BARCZYK, TOMASZ	2,855,406
BARCZYK, TOMASZ	2,933,535
BARKAI, URIEL	2,744,643
BARNAT, JAMES J.	2,771,209
BARON, FRANCOIS	2,747,924
BARUKH, YEHUDA AKIVA	2,792,050
BASCO, DEBORAH	2,735,282
BASF SE	2,763,967
BATTY, JOHN ROBERT	2,870,934
BAUERSACHS, LOTHAR	2,826,250
BAYER INTELLECTUAL PROPERTY GMBH	2,708,414
BEBERNES, THOMAS DARYL	2,697,813
BECKER, NATHANIEL T.	2,742,294
BECTON DICKINSON AND COMPANY LTD.	2,892,488
BECTON, DICKINSON AND COMPANY	2,714,621
BECTON, DICKINSON AND COMPANY	2,723,291
BECTON, DICKINSON AND COMPANY	2,723,807
BECTON, DICKINSON AND COMPANY	2,790,117
BEDENK, JOHANNES	2,761,380
BEDINGER, DANIEL	2,661,023
BEHRENS, PHILLIP J.	2,869,385
BEIJING SIGONE VENTURE LIMITED	2,757,185
BELL, JOHN C.	2,836,117
BENDEL, URS	2,886,809
BENDER, CHRISTOPHER LYLE	2,814,852
BENDER, MICHAEL JOHN	2,843,998
BENNET, KEREN	2,792,050
BEREZOWSKI, DAVID M.	2,870,324
BERGHUIS, RAYMOND ROGER	2,932,311
BERNDTSON, JOHN J.	2,782,904
BERNHARDT, RANDAL, J.	2,815,645
BERNSTEIN, DARYL	2,786,388
BESHAI, MAGED E.	2,894,748
BESSETTE, BRUNO	2,789,107
BETA O2 TECHNOLOGIES LTD.	2,744,643
BETTS, BYRON	2,919,191
BIESBROUCK, GERARDUS MAJELLA	2,757,112
BILBAO, JENNIFER	2,815,454
BILOZIR, MARK	2,871,569
BINGHAM, RICHARD	2,750,562
BIO-BEDST APS	2,772,965
BIO-BEDST APS	2,772,973
BIOM'UP	2,759,654
BIOMARIN PHARMACEUTICAL INC.	2,735,593
BIOMERIEUX, INC.	2,536,264
BISHOP, ANDREW MARK	2,748,588
BISHOP, JAMES CLEMENT	2,536,264
BLACK & DECKER INC.	2,791,575
BLACK & DECKER INC.	2,791,707
BLACK & DECKER INC.	2,791,722
BLACK & DECKER INC.	2,791,953
BLACK & DECKER INC.	2,836,979
BLACKBERRY LIMITED	2,619,314

BLACKBERRY LIMITED 2,808,182
BLACKBERRY LIMITED 2,814,852
BLACKBERRY LIMITED 2,817,258
BLACKBERRY LIMITED 2,818,888
BLACKBERRY LIMITED 2,820,096
BLACKBERRY LIMITED 2,828,074
BLACKBERRY LIMITED 2,843,404
BLACKBERRY LIMITED 2,843,998
BLAK & SOERENSEN APS 2,776,395
BLAK, DANIEL 2,776,395
BLAKE, JAMES F. 2,724,262
BLAKSKJAER, PETER 2,587,010
BLANTON, ROSS MITCHELL 2,536,264
BLICK, KEVIN 2,793,677
BLICK, KEVIN 2,827,891
BLUM, RENE VINZENZ 2,886,812
BLY IP INC. 2,884,798
BOARD OF SUPERVISORS OF LOUISIANA STATE UNIVERSITY AND AGRICULTURAL AND MECHANICAL COLLEGE 2,713,126
BOEHRINGER INGELHEIM INTERNATIONAL GMBH 2,732,094
BOEHRINGER INGELHEIM RCV GMBH & CO KG 2,714,151
BOMBARDIER TRANSPORTATION GMBH 2,874,802
BOOMERANG SYSTEMS, INC. 2,750,618
BOON, CHOONG SENG 2,885,802
BOONE, JAMES HUNTER 2,427,898
BOREALIS AG 2,872,671
BORGHI, GIANNI 2,790,106
BOSCH, H. WILLIAM 2,759,125
BOSMAN, TUDOR 2,928,937
BOSTICK, FRANCIS X,III 2,858,016
BOTH, REINHOLD 2,851,745
BOUDEAU, LIONEL 2,802,395
BOUDET, NICOLAS 2,748,004
BOUDREAU, JESSE JOSEPH 2,808,182
BOUDYAF, RACHID 2,802,159
BOWLEY, RYAN THOMAS 2,908,077
BRAUN, HERMANN 2,872,671
BRAVILOR HOLDING B.V. 2,723,554
BRINGE, NEAL ALLAN 2,794,883
BRISTOL-MYERS SQUIBB COMPANY 2,837,327
BRITISH AMERICAN TABACCO (INVESTMENTS) LIMITED 2,793,677
BRITISH AMERICAN TOBACCO (INVESTMENTS) LIMITED 2,827,891
BRITISH AMERICAN TOBACCO (INVESTMENTS) LIMITED 2,920,952
BRITISH AMERICAN TOBACCO JAPAN, LTD 2,793,677
BRITISH AMERICAN TOBACCO JAPAN, LTD. 2,827,891
BROCKBANK, KELVIN G. M. 2,753,291
BROTTON, DAVID 2,735,282
BROUSSEAU, ANDRE 2,913,800
BROWN, AARON 2,815,645
BROWN, JEFFREY SCOTT 2,899,123
BROWN, MICHAEL KENNETH 2,814,852
BROWN, MICHAEL STEPHEN 2,814,852
BROWN, THOMAS A. 2,879,585
BRUKER DALTONICS, INC. 2,837,876
BRUNEL, LOIC 2,812,654
BRUNNER, MARTIN 2,886,812
BRUTLER, ZOLTAN 2,806,425
BRYNIOK, DIETER 2,815,454
BUCHEK, KELLY 2,815,645
BUCHELI, DANIEL 2,714,151
BUCHHEIT, PAUL 2,928,937
BUCK, JESSE 2,769,101
BUCK, JESSE 2,769,107
BUCKLEY, KYLE R. 2,861,553
BURANT, JOHN 2,834,240
BURGER, FRANZ 2,758,463
BURI, MATTHIAS 2,886,812
BURTCH, RICHARD 2,821,212
BUSH, SHAWN D. 2,883,044
BUSH, SHAWN D. 2,946,626
BUSINESS PARTNERS LIMITED 2,840,846
C.M.C. S.R.L. - SOCIETA UNIPERSONALE 2,790,106
CABLE, ALEX E. 2,767,900
CADENS IMAGERIE MEDICALE INC. / CADENS MEDICAL IMAGING INC. 2,779,301
CADILA PHARMACEUTICALS LTD. 2,737,253
CAIZZA, RICHARD J. 2,790,117
CAMACHO PEREZ, JUAN MANUEL 2,929,730
CAMERON, ALLAN 2,875,340
CANAS, CHRISTIAN 2,871,569
CARDIN, DANIEL 2,778,565
CARDINALE, PAOLO 2,720,548
CARLSSON, ANDERS 2,785,305
CARLSSON, GORAN 2,772,079
CARLSSON, LENNART 2,772,079
CARROLL, JAMIE A. 2,838,816
CARUSO, CHRISTOPHER 2,869,385
CASSANAS, MARC 2,802,395
CASTRO SOTELO, LAURA VERONICA 2,872,382
CATHAY PACIFIC AIRWAYS LIMITED 2,747,456
CECCALDI, FRANCOIS 2,851,745
CELLITTI, SUSAN E. 2,871,855
CENOVUS ENERGY INC. 2,871,569
CENTRAL GLASS COMPANY, LIMITED 2,950,490
CEVADA MAYA, ENRIQUE 2,872,382
CFT GMBH COMPACT FILTER TECHNIC 2,851,745
CHAI, LUN 2,789,534
CHAMBELIN, PHILIPPE 2,747,924
CHAN, HANSON HOW SIN 2,747,456
CHANA, SATWINDER SINGH 2,748,588
CHANDAN, SINGH 2,737,253
CHANDELIER, FLORENT ANDRE ROBERT 2,779,301
CHANG, JONG WOOK 2,743,620
CHAVEZ, MARCELO J. 2,884,358
CHEBEN, PAVEL 2,680,887
CHECKETTS, STANLEY J. 2,750,618
CHEMETALL CORPORATION 2,708,595
CHEN, LI CHE TEDDY 2,765,331
CHEN, LIPING 2,915,864
CHEN, SAN-YUAN 2,910,076
CHEN, YILONG 2,867,364
CHEN, YUAN-JU 2,908,953
CHEN, YUEWEI 2,865,047
CHENG, HSIN-LIN 2,936,459
CHEVRON PHILLIPS CHEMICAL COMPANY LP 2,788,618
CHEVRON PHILLIPS CHEMICAL COMPANY LP 2,882,746
CHEVRON U.S.A. INC. 2,719,537
CHEVRON U.S.A. INC. 2,790,617
CHIANG, CHIH-SHENG 2,910,076
CHICARELLI, MARK 2,724,262
CHICHE, DAVID 2,748,004
CHILDREN'S HOSPITAL OF EASTERN ONTARIO RESEARCH INSTITUTE INC. 2,836,117
CHINA PETROLEUM & CHEMICAL CORPORATION 2,744,628
CHIU, HSIEN-PO 2,871,855
CHOI, SHIN-KYU 2,862,620
CHRISTOPHERSON, DAVID G. 2,794,571
CHUNG, CHAHN 2,844,060
CIDRA CORPORATE SERVICES INC. 2,770,214
CINDRICH, CHRISTOPHER 2,723,291
CITRIX SYSTEMS, INC. 2,786,388
CLAIR, BRIAN DAVID 2,843,615
CLARE, JONATHAN CHARLES 2,795,315
CLARK, MICHAEL R. 2,794,571
CLAUS, MICHAEL J. 2,743,098
CLEEMANN, FELIX 2,769,540
COBURN, STEVEN 2,920,952
COLE, MARY 2,869,548
COLLET, CHRISTOPHE 2,917,139
COLLINS, KATHY S. 2,882,746
COLWELL, JOSEPH 2,834,240
COMIS, CARLO 2,720,548
CONDELL ENGINEERING LIMITED 2,871,829
CONDELL, CYRIL 2,871,829
CONRAD, WAYNE ERNEST 2,730,444
CONRADT, JONATHAN 2,844,077
CORDOVA-KREYLOS, ANA LUCIA 2,865,237
COREA, WILLIAM C. 2,719,537
CORNELIUS, CARL PETER 2,781,118
CORNELIUSEN, STEVEN D. 2,746,655
CRAIN, TONY R. 2,882,746
CRANE ELECTRONICS, INC. 2,827,741
CREATIVE CO. LTD. 2,811,248
CREATIVE CO. LTD. 2,811,310
CROSSGROVE, TIFFANY 2,871,855

CRUFF, LUKE 2,799,034
CTI BIOPHARMA CORP. 2,768,210
CTU CLEAN TECHNOLOGY UNIVERSE AG 2,766,183
CUI, JI 2,708,595
CUNNINGHAM, JAMES JOSEPH 2,771,209
CURETON, KEVIN 2,750,146
CURTIS, DANIEL JON 2,886,226
D'AMATO, GIANFRANCO 2,792,445
DAHL, OLLI 2,801,986
DAHMEN, PETER 2,708,414
DALMAZZONE, MAURO GIANNI 2,775,478
DAMIANO, JASON 2,661,023
DANIEL MEASUREMENT AND CONTROL, INC. 2,888,939
DANIEL, JEROME 2,827,265
DANISCO US INC. 2,624,977
DANISCO US INC. 2,742,294
DANON, TAMAR 2,787,311
DARNELL, BENJAMIN 2,928,937
DARROCH, NEIL 2,837,229
DAUDET, LARRY RANDALL 2,830,677
DAVID, OFER 2,792,050
DE LORENZO, GIANPIETRO 2,775,478
DE VRIES, GLEN 2,901,971
DEBELAK, HARALD 2,704,853
DEERE & COMPANY 2,697,813
DEHDASHTIAN, MARK 2,767,524
DEKA PRODUCTS LIMITED PARTNERSHIP 2,761,806
DELFORTGROUP AG 2,758,463
DEMESSIE, YOHANNES ALEMSEGED 2,790,576
DEPUY SYNTHES PRODUCTS, INC. 2,781,118
DERWIN, DANIEL W. 2,837,327
DEVADAS, BALEKUDRU 2,888,960
DIAJ, SACHA PHILIP 2,862,237
DICKE, RONALD ANTHONY 2,808,182
DIETERICH STANDARD, INC. 2,871,678
DILENSCHNEIDER, DAVID 2,677,212
DING, FRANK X. 2,830,677
DIRTT ENVIRONMENTAL SOLUTIONS, LTD. 2,879,585
DITTRICH, DAVID JOHN 2,920,952
DOAN, CARL 2,806,425
DODD, AARON 2,759,125
DONG, JIAN 2,913,195
DORSHOW, RICHARD B. 2,695,197
DOUGLAS MACHINE INC. 2,740,114
DOWD, EDWARD M. 2,858,016
DOWD, EDWARD M. 2,910,299
DOWSETT, MURRAY 2,746,901
DOYA, YO 2,881,636
DOYON, THOMAS A. 2,761,806
DR AXION CO., LTD. 2,910,461
DRENTH, CHRISTOPHER, L. 2,884,798
DRNEVICH, RAYMOND FRANCIS 2,769,916
DROUX, FRANCOIS 2,747,844
DUCREUX, OLIVIER 2,748,004
DUMONTIER, ERLE 2,802,395
DUNN, CARY 2,786,388
DUNPHY, JAMES R. 2,858,016
DUVEKOT, JOOST CORNELIS 2,724,824
DW LINGUAL SYSTEMS GMBH 2,826,326
DYMOCK, BRIAN 2,768,210
EARTH NETWORKS, INC. 2,785,312
EAVENSON, JIMMY N., SR. 2,901,276
EBAY INC. 2,844,060
EBAY INC. 2,844,077
ECHOSTAR TECHNOLOGIES L.L.C. 2,701,920
ECK, RICHARD E. 2,746,655
EDWARDS LIFESCIENCES CORPORATION 2,767,524
EDWARDS, JEFFREY 2,776,243
EGNER, SIEGFRIED 2,815,454
EIA, JAN THORE 2,750,562
EICK, BRONSON C. 2,697,813
EKICI, OZGUR 2,843,404
ELBIT SYSTEMS LTD. 2,792,050
ELLIS, MICHAEL D. 2,870,324
EMMERICH, MARK 2,859,112
ENI S.P.A. 2,775,478
ENOVATE SYSTEMS LIMITED 2,776,243
EPPS, LARRY J. 2,911,839
EREMA ENGINEERING RECYCLING MASCHINEN UND ANLAGEN GESELLSCHAFT M.B.H. 2,851,664
EREMA ENGINEERING RECYCLING MASCHINEN UND ANLAGEN GESELLSCHAFT M.B.H. 2,851,949
ERMAKOV, VLADIMIR 2,859,112
ESM GROUP INC. 2,911,839
ESPEN, BENJAMIN L. 2,861,553
ESPERANCE PHARMACEUTICALS 2,713,126
ESTELL, DAVID A. 2,624,977
ESTRADA BUENDIA, ARISTEO 2,872,382
ESTRADA MARTINEZ, ARQUIMEDES 2,872,382
EVANS, MARK 2,855,406
EVONIK CARBON BLACK GMBH 2,740,672
EXLINE, MARVIN KELLER 2,771,209
EXXONMOBIL CHEMICAL PATENTS INC. 2,908,953
EXXONMOBIL UPSTREAM RESEARCH COMPANY 2,769,955
EXXONMOBIL UPSTREAM RESEARCH COMPANY 2,801,476
EYB, ENNO 2,886,809
F. HOFFMANN-LA ROCHE AG 2,667,177
FAATZ, ELKE 2,667,177
FACEBOOK, INC. 2,918,053
FACEBOOK, INC. 2,920,432
FACEBOOK, INC. 2,928,937
FAESSLER, AARON J. 2,854,653
FAGO, FRANK M. 2,757,956
FAIRBAIRN, THOMAS JOHN 2,813,695
FAIS, FABIO 2,780,554
FANNING, MARK JOSEPH 2,536,264
FARNSWORTH, ANDREW 2,843,404
FAUSER, DIETMAR 2,827,265
FEECHAN, MICHAEL 2,783,764
FEICHTINGER, KLAUS 2,851,664
FEICHTINGER, KLAUS 2,851,949
FERGUSON, NAOLA M. 2,749,213
FERREIRA, ANDRE 2,810,125
FIBERLEAN TECHNOLOGIES LIMITED 2,796,132
FIBERLEAN TECHNOLOGIES LIMITED 2,796,135
FIBERSPAR CORPORATION 2,783,764
FICCO, MATHEW A. 2,869,385
FIRETIDE, INC. 2,884,061
FISHER & COMPANY, INCORPORATED 2,782,904
FLORES SANDOVAL, CESAR ANDRES 2,872,382
FLORJANCZYK, MIROSLAW 2,680,887
FLOWERS, DALE R. 2,899,917
FLYGARE, JOHN A. 2,793,890
FLYNN, CHARLES J. 2,891,550
FONTAINE, PATRICK 2,747,924
FONTEM HOLDINGS 1 B.V. 2,884,987
FOREST, PATRICIA 2,759,654
FOURNIER, ERICH 2,806,425
FOX, DOUGLAS M. 2,778,223
FRANCIS, MATTHEW DAVID 2,772,725
FRANCIS, MATTHEW DAVID 2,772,809
FRANK, DANIEL 2,815,454
FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V. 2,815,454
FREDRIKSSON, HENRI 2,875,903
FRENCH, DON G. 2,874,154
FRENCH, WILLIS M. 2,874,154
FRIGG, ROBERT 2,781,118
FROELICH, JOACHIM 2,740,672
FROJDH, PER 2,758,237
FU, QIANG 2,744,628
FUJII, SHIGERU 2,950,490
FUJIWARA, MASAKI 2,950,490
FUKUOKA, MASARU 2,897,380
FURMANCZYK, KAZ 2,827,741
FWD TOOLS, LLC 2,874,154
FWU, JONG-KAE 2,853,239
GAGNIEU, CHRISTIAN 2,759,654
GANE, PATRICK A. C. 2,796,135
GANE, PATRICK A. C. 2,886,812
GANE, PATRICK A.C. 2,796,132
GANGULY-MINK, SANGEETA 2,815,645
GANGWAR, SANJEEV 2,837,327
GARLAND, DANNY JAMES 2,888,960
GE, JIANPING 2,753,359
GEIERSTANGER, BERNHARD 2,871,855
GENERAL ELECTRIC COMPANY 2,857,244
GENERAL ELECTRIC TECHNOLOGY GMBH 2,747,844
GENTIUM S.R.L. 2,712,705
GERARDIN, HADIA 2,753,842

GERG, JAMES 2,743,098
GIBBONS, WAYNE 2,799,477
GILDER, STEPHEN D. 2,714,900
GIUNTA, GIUSEPPE 2,775,478
GLASGOW, DANE 2,844,077
GLEESON, BRYAN MICHAEL 2,810,618
GMEDIA TECHNOLOGY (BEIJING) CO., LTD. 2,757,185
GONZALEZ, SIGFREDO 2,711,041
GOODMAN, CHRISTOPHER S. 2,830,677
GOPINATH, ENONA 2,780,554
GORISSEN, PAULUS MATHIAS HUBERTUS MECHTILDIS ANTONIUS 2,754,094
GOSLING, GEOFF 2,879,585
GOSWAMI, JITENDRA 2,743,551
GOTO, HIDENORI 2,881,636
GRAPPERHAUS, MARGARET LANAHAN 2,888,960
GRAYBAR, MICHAEL 2,906,790
GREEN, ANNABEL 2,746,901
GREEN, BRADLEY 2,918,053
GREENING, DOUG CHRISTIAN 2,908,077
GREINER, DOUGLAS H. 2,696,353
GRESSET, NICOLAS 2,812,654
GRIPPLE LIMITED 2,810,125
GROPPER, DANIEL R. 2,843,838
GRUNBECK, JOHN J. 2,858,016
GRUNBECK, JOHN J. 2,910,299
GRUNEWALD, JAN 2,871,855
GU, HUANHUAN 2,818,888
GUAN, ZHENAN 2,865,047
GUARDIAN IG, LLC 2,909,299
GUERRANT, RICHARD LITTLETON 2,427,898
GUIDO, PEDROS 2,717,990
GUILDLINE INSTRUMENTS LIMITED 2,855,406
GUILDLINE INSTRUMENTS LIMITED 2,933,535
GUILLET, JULIEN 2,812,654
GUNWARDANA, INDRANI W. 2,724,262
GUNZNER, JANET L. 2,793,890
GUO, FEI 2,918,053
GUO, HUAIZU 2,790,013
GUO, XIAOWEI 2,757,185
HACCO, ELI 2,765,331
HACKL, MANFRED 2,851,664
HACKL, MANFRED 2,851,949
HAGY, WILLIAM T. 2,677,212
HAJDUCZENIA, MAREK 2,840,154
HALLENDORFF, JOHAN 2,851,978
HALLER, MATTHIAS 2,780,560
HAMEL, ROSS 2,781,118
HAMMARWALL, DAVID 2,790,291
HAN, JIAWEN 2,714,251
HAN, SEUNGIL 2,888,960
HAN, WOO-JIN 2,891,777
HANCHETT ENTRY SYSTEMS, INC. 2,907,137
HANDA, KEITH T. 2,742,978
HANSEN, CHRISTIAN THAGAARD 2,772,167
HANSEN, MARCO 2,896,913
HANSEN, MARGIT HAAHR 2,587,010
HANSEN, MONTY 2,872,515
HANSEN, NICHOLAS 2,879,013
HANSEN, NILS JAKOB VEST 2,587,010
HANSON, SHAUN B. 2,838,816
HAO, XUESHI 2,871,855
HAQ, ADNANUL 2,740,114
HARADA, HIROSHI 2,790,576
HARADA, MASANORI 2,931,659
HARADA, MASANORI 2,964,726
HARBAUGH, STEVE 2,871,678
HARDING, WESTON 2,723,291
HARDING, WESTON F. 2,723,807
HARNISCHFEGER TECHNOLOGIES, INC. 2,834,240
HARRINGTON, DAVID LAMAR 2,945,072
HARRIS, NATHAN CRAIG 2,945,072
HASTILOW, BRADFORD L. 2,872,515
HATA, KENSEI 2,908,151
HATCH PTY LTD 2,921,544
HAUGHT, JOHN CHRISTIAN 2,843,615
HAUSMANN, PHILIPP 2,931,365
HAUSRATH, ROBERT 2,824,644
HAVRILKO, MICHAEL J. 2,717,990
HAYDER, M. EHTESHAM 2,870,472
HAYHOW, ROBERT 2,810,618
HE, HONG 2,853,239
HE, ZUNQING 2,790,617
HEARTWARE, INC. 2,870,934
HEARTWARE, INC. 2,875,340
HEIN, DAVE 2,901,276
HEINKE, NILS ALBERTO 2,862,237
HEITNER, TARA RENEE 2,587,010
HELD, LOTHAR 2,773,160
HELLRUNG, JACOB P. 2,782,904
HERAEUS MEDICAL GMBH 2,902,354
HERBERT, KEITH 2,793,677
HERMANSON, KEVIN 2,770,041
HERNANDEZ CARBAJAL, EDGAR IVAN 2,872,382
HERRON, MAYNARD 2,921,137
HERSEL, ULRICH 2,769,540
HERSHKOWITZ, FRANK 2,769,955
HESSE, JENS 2,774,823
HESTER, MARC ALAN 2,843,615
HEWER, ANTHONY 2,901,971
HIEMER, ANDREAS 2,711,314
HILBRANDIE, GEERT 2,703,507
HILL, MARVIN 2,908,953
HILLE, THOMAS 2,770,236
HISTOLOGICS LLC 2,693,897
HOCKERMAN, SUSAN LANDIS 2,888,960
HOFFMANN, JUERGEN 2,747,844
HOFMAN, HENK 2,932,311
HOHMANN, RONALD P., JR. 2,844,946
HOKE, STEVEN HAMILTON, II 2,843,615
HOLLAND, BRIAN 2,815,645
HOLMES, ALEXANDER D. 2,765,389
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GUERRA, MIGUEL A. 2,971,219
GULAB, SHIVALI ASHWIN 2,974,916
GUO, DONG 2,975,002
GUO, DONGLIN 2,969,307
GURER, CAGAN 2,967,834
GUYNN, VICTOR 2,974,372
GVK BIOSCIENCES PRIVATE LIMITED 2,974,784
GYPPAZ, FRANCK 2,969,947
HAAG, RENE 2,973,589
HACHISU, SHUJI 2,963,045
HAGIHARA, MASAHIKO 2,974,278
HAGIHARA, MASAHIKO 2,974,619
HAI, GUOLIANG 2,974,446
HAIDUKEWYCH, GEORGE 2,973,589
HAINES, CHRISTOPHER 2,971,390
HALL, SHANA 2,974,506
HALLIBURTON ENERGY SERVICES, INC 2,974,252
HALLIBURTON ENERGY SERVICES, INC. 2,968,582
HALLIBURTON ENERGY SERVICES, INC. 2,970,530
HALLIBURTON ENERGY SERVICES, INC. 2,974,251
HALLIBURTON ENERGY SERVICES, INC. 2,974,253
HALLIBURTON ENERGY SERVICES, INC. 2,974,489
HALLIBURTON ENERGY SERVICES, INC. 2,974,494
HALLIBURTON ENERGY SERVICES, INC. 2,974,505
HALLIBURTON ENERGY SERVICES, INC. 2,974,512
HALLIBURTON ENERGY SERVICES, INC. 2,974,797
HALLIBURTON ENERGY SERVICES, INC. 2,974,802
HAMAYAMA, SHINGO 2,974,789
HAND, BARRY J. 2,974,967
HANLEY, STEPHEN J. 2,971,417
HANNY, JEAN-CLAUDE MARCEL AUGUSTE 2,971,289
HANSELMANN, ROGER 2,974,691
HANSEN, CARL LARS GENGHIS 2,974,632
HANSEN, DAVID ANDREW 2,967,193
HANSEN, WILLIAM M. 2,974,665
HANZLIK, KRISTIN 2,974,768
HARRIS, MICHAEL 2,974,614
HARRIS, SCOTT G. 2,968,581
HAUSTEIN, THOMAS 2,974,624
HAUSWIRTH, RAINER 2,974,255
HAWES, CHRISTOPHER MARTIN 2,970,157
HAWKINS, JORDAN L. 2,974,952
HAYAKAWA, YASUYUKI 2,974,618
HAYASAKA, SHUNJI 2,974,620
HAYASHI, HIROAKI 2,974,791
HAYASHIDA, HIROYUKI 2,974,935
HAZENBOS, WOUTER 2,966,211
HAZOT, PASCALE 2,969,285
HE, XIAOJUN 2,971,417
HECHT, GIL 2,970,127
HECHT, SIDNEY 2,974,533
HEDE, HANS 2,974,597
HEGAIN 2100 CONSULTING S.L. 2,970,893
HEGURI, SHIN-ICHI 2,974,483
HEIL, KORBINIAN 2,970,477
HEINBIGNER, CAREY 2,971,286
HELMS, MARTIN 2,972,992
HENNESSY, ALAN JOSEPH 2,963,045
HENRY, PAUL SHALA 2,965,798
HEPTRON POWER TRANSMISSION LIMITED 2,971,524
HEUSER, KARSTEN 2,973,396
HICKER, JOHANNES 2,975,006
HICKER, ROLAND 2,975,006
HIEMENZ, GREGORY JOHN 2,974,686
HIGGINS, CHRIS 2,969,685
HILALY, AHMAD K. 2,969,528
HILTON, MICHAEL 2,968,686
HIMMELBERGER, DANIEL W. 2,971,198
HINOKI, TATSUYA 2,974,485
HIRAI, JOUJI 2,974,719
HIRANO, NAOTO 2,974,998
HIRSCH, EMILIO 2,971,121
HISTOGENICS CORPORATION 2,969,387
HIYOSHI, MASATAKA 2,974,935
HO, PATRICK 2,971,186
HOCKENBURY, CLARK B. 2,972,078
HOF, RAPHAEL 2,968,648
HOGAN, JEFF 2,974,710
HOGLUND, GORAN 2,974,597
HOLLAND, CHAD 2,974,661
HOLLYMATIC CORPORATION 2,974,372
HOLMBERG, AARON D. 2,974,669
HONG, HUI 2,973,602
HORIGUCHI, IKKI 2,974,620
HORIZONO, HIDEKI 2,974,791
HORRELL, MICHAEL 2,969,455
HORSTMEYER, ROARKE W. 2,970,063
HOTZEL, ISIDRO 2,966,211
HOY, STACY W. 2,965,476

HOY, STACY W. 2,965,482
HU, GUOPING 2,974,756
HUANG, HUI 2,972,852
HUANG, WEI 2,974,708
HUANG, WEI 2,974,756
HUANG, ZEXIANG 2,974,452
HUAWEI TECHNOLOGIES CO., LTD. 2,974,501
HUAWEI TECHNOLOGIES CO., LTD. 2,974,572
HUAWEI TECHNOLOGIES CO., LTD. 2,974,624
HUAWEI TECHNOLOGIES CO., LTD. 2,974,842
HUFT, JENS 2,974,632
HUGHES, TIMOTHY E. 2,971,208
HUNG, ORLANDO 2,974,780
HUTTON, NEIL 2,974,614
HWANG, SUNG-HEE 2,966,728
IBEBUNJO, CHIKWENDU 2,969,307
ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI 2,974,699
IDOM, S.A.U. 2,974,764
IFTIKHAR, KAMIL 2,973,799
IIJIMA, TAKASHI 2,974,935
IKEBE, TETSUNORI 2,974,939
IKEDA, OSAMU 2,974,483
ILLINOIS TOOL WORKS INC. 2,970,071
ILLINOIS TOOL WORKS INC. 2,970,135
ILLINOIS TOOL WORKS INC. 2,970,139
ILLINOIS TOOL WORKS INC. 2,970,458
ILLINOIS TOOL WORKS INC. 2,971,705
ILNG B.V. 2,974,491
IMASHIRO, YASUO 2,969,394
IMAX THEATRES INTERNATIONAL LIMITED 2,969,996
IMMUTRIX THERAPEUTICS, INC. 2,961,934
INBIOMOTION S.L. 2,967,224
INDIA GLOBALIZATION CAPITAL, INC. 2,974,895
INGENICO GROUP 2,973,292
INGETEAM POWER TECHNOLOGY, S.A. 2,974,872
INNOCORP, LTD. 2,974,822
INOVIO PHARMACEUTICALS, INC. 2,974,956
INSTITUT NATIONAL DE RECHERCHE EN SCIENCES ET TECHNOLOGIES POUR L'ENVIRONNEMENT ET L'AGRICULTURE 2,971,094
INTERNATIONAL DEHYDRATED FOODS, INC. 2,974,952
INTERSECT ENT, INC. 2,974,376
INTRALYTIX, INC. 2,974,897
INVUE SECURITY PRODUCTS INC. 2,974,546
IOFFE, ELLA 2,967,834
IOGEN CORPORATION 2,974,747
ISABELLA, VINCENT M. 2,969,724
ISCAR LTD. 2,970,127
ISEMINGER, MELISSA A. 2,971,621
ISHIKAWA, NAOMOTO 2,974,791
ISOGAI, AKIRA 2,974,927
ITO, HIROMITSU 2,974,495
ITO, YASUHIRO 2,974,931
ITRON GLOBAL SARL 2,969,685
JACHMANN, REBECCA CORINA 2,968,582
JACKSON, ETHEL NOLAND 2,971,391
JACOBSON, KATHLENE LAURIE 2,971,286
JACOBSON, RICHARD M. 2,974,396
JAMIESON, CHRISTOPHER THOMAS 2,964,966
JEFFERIS, JESSE 2,971,417
JESTER, DANNY M. 2,974,544
JEUTE, PIOTR 2,974,760
JEUTE, PIOTR 2,974,812
JFE STEEL CORPORATION 2,974,618
JIANG, SHOUBO 2,974,845
JIANG, YANFENG 2,974,917
JIN, MEIZHONG 2,974,367
JOFFRION, LAMAR LANE 2,961,401
JOHNSON, DAN 2,974,685
JOHNSON, GRAHAM 2,974,395
JOHNSON, LESLIE S. 2,974,807
JONES, PAUL JOSEPH 2,974,252
JORDAAN, BAREND JACOBUS 2,974,615
JORDAN-BEAR, JENNIFER 2,974,506
JORGENSEN, TIMOTHY 2,974,822
JOSANCY, LUC 2,971,283
JOSEPH, BENJAMIN I. 2,969,745
JOSIAS, WILBENS 2,971,580
JULIE LYNNE, MILLER 2,974,688
JULIO, GUIFRE 2,974,844
JULIUS, MARK D. 2,971,418
JURANITCH, JAMES C. 2,974,522
KABUSHIKI KAISHA KOBE SEIKO SHO (KOBE STEEL, LTD.) 2,974,486
KAGOYA, YUKI 2,974,998
KAISER, ROBERT 2,969,619
KAJIHARA, KIMBERLY 2,966,211
KALLSEN, KENT J. 2,971,442
KAMIHARA, NOBUYUKI 2,974,791
KAMO, YOSHIRO 2,971,680
KAMO, YOSHIRO 2,971,683
KANDULA, MAHESH 2,973,178
KANEKO, TSUYOSHI 2,974,790
KANO, SATORU 2,974,486
KAO CORPORATION 2,974,719
KATZEN, FEDERICO 2,970,477
KAUFFMAN, KEITH L. 2,966,405
KAUFMAN, RICHARD E. 2,974,376
KAUP, PETER G. 2,974,688
KAWABATA, KAZUFUMI 2,974,343
KELLER, SCOTT WAYNE 2,971,446
KERASTEM TECHNOLOGIES LLC 2,974,815
KERINS, FERGAL 2,974,846
KERWIN, BRUCE ARTHUR 2,971,201
KHALILI, KAMEL 2,973,722
KHANDADASH, RAZ 2,968,648
KHOKHAR, RAJAN 2,974,502
KIDOOKA, AKIO 2,971,680
KIDOOKA, AKIO 2,971,683
KIM, JAE-KYOUM 2,972,224
KIM, JEONGKI 2,965,807
KIM, JUN-DAL 2,974,619
KIM, STEVEN SUNGJIN 2,971,247
KIM, YONGEUN 2,974,788
KIMURA, TAKUMA 2,974,719
KING'S COLLEGE LONDON 2,969,783
KINNUNEN, KALLE 2,974,470
KINSELLA, TODD 2,973,602
KITHER BIOTECH S.R.L. 2,971,121
KJOLHAMAR, ANE 2,974,795
KJOLHAMAR, ANE 2,974,914
KLAUS, ANDERS 2,974,632
KLEBANSKY, BORIS 2,968,004
KLEON PROSJEKT AS 2,969,644
KLEUTERS, NIKOLAUS 2,974,615
KLING, MATTHEW T. 2,972,078
KLUGE, BRUCE D. 2,971,621
KMW INC. 2,967,279
KOAY, KENNY 2,973,589
KOBAYASHI, NAOKO 2,974,486
KOBAYASHI, RIEKO 2,969,394
KOBAYASHI, SETSURA 2,969,394
KOGA, ATSUO 2,974,327
KOMURA, MASAHARU 2,974,486
KONDI, SUSHANTH ANAND RAO 2,974,363
KONDOU, SATOSHI 2,974,433
KONO, KOJI 2,974,939
KOP TOOLS NO.9659978 CANADA INC. 2,974,744
KOPPI, KURT A. 2,966,327
KORNELUK, ROBERT G. 2,974,651
KOSSAK, ROBERT W. 2,966,410
KOSSAK, ROBERT W. 2,966,412
KOTHERA, CURT STEVEN 2,974,686
KOTLAR, HANS KRISTIAN 2,974,795
KOTULA, JONATHAN W. 2,969,724
KOUNO, TAKUMI 2,974,935
KOZIONOV, ALEXEY PETROVICH 2,969,414
KOZONO, SATOKO 2,974,433
KRAEMER, GERD 2,974,768
KRAFT FOODS GROUP BRANDS LLC 2,969,235
KRAMMER, FLORIAN 2,974,699
KRAPTCHETOV, DMITRI A. 2,965,479
KRAPTCHETOV, DMITRI A. 2,965,480
KRAPTCHETOV, DMITRI A. 2,965,481
KRATOCHVIL, PETR 2,965,987
KREAMER-TONIN, KATLIN JEAN 2,963,865
KREH, ROBERT PAUL 2,974,729
KREUZ, KLAUS 2,974,768
KRIMSKY, WILLIAM SANFORD 2,974,686
KRISHNA, RANGA CHELVA 2,974,895
KROLIK, JEFFERY 2,974,502
KRUG, KENNETH EDWARD 2,974,700
KUCHNIO, PIOTR 2,964,966

KUDO, YOHEI 2,974,483
KUGLER, CHAD 2,974,544
KUHN, PHILLIP 2,970,477
KUJIRAI, HIROTAKA 2,969,394
KULKARNI, RAGHAVENDRA 2,974,518
KUMTA, PRASHANT N. 2,969,836
KURIHARA, TOSHIMITSU 2,974,939
KUROKI, KUNIHIRO 2,974,933
KURRAS, MARTIN 2,974,624
KURTIN, STEPHEN 2,974,553
KURUKCHI, SABAH 2,974,700
KUSMEC-AGUILAR, DEBRA C. 2,974,822
KUVADIA, ZUBIN B. 2,965,479
KUVADIA, ZUBIN B. 2,965,480
KWH MIRKA LTD 2,974,597
KWON, OH-YEOUL 2,972,224
KYOTO UNIVERSITY 2,974,485
LACASSE, ERIC C. 2,974,651
LAFLEN, JOHN BRANDON 2,969,523
LAI, KA-MAN VENUS 2,968,675
LAMERS, NATHAN JOHN 2,971,705
LANCELOTTA, MARY PAT 2,970,931
LANDIS+GYR, INC. 2,968,692
LANGMAID, JOSEPH A. 2,966,327
LANGMAID, JOSEPH A. 2,966,405
LANGNER, MARKUS 2,974,497
LANIADO, AMIR 2,974,488
LAROSE, PASCAL 2,974,844
LATHAM, STEPHEN ANDREW 2,971,442
LAVALLEE, CLAUDE 2,971,399
LAVOIE, PIERRE-OLIVIER 2,974,438
LAWRENCE, PAULRAJ 2,969,430
LAWSON, CRAIG R. 2,974,580
LAZZARA, CHRISTOPHER J. 2,972,911
LAZZARA, RICHARD J. 2,972,911
LEE, HSU-TUNG 2,975,000
LEE, JAE-WOOK 2,974,647
LEE, JAI-HYUK 2,974,647
LEE, WON-GUL 2,972,224
LEHAR, SOPHIE M. 2,966,211
LEISKE, DANIEL R. 2,969,225
LEITCH, SAM ANTHONY 2,964,966
LEMCHEN, MARC 2,974,733
LEMIEUX, SEBASTIEN 2,974,261
LEONE, GIUSEPPE 2,961,873
LEONE, YVAN 2,974,850
LEUNG, KASTON 2,974,632
LEVER, ANDREA 2,965,910
LEW, WILBUR 2,974,688
LEXMARK INTERNATIONAL, INC. 2,974,734
LEYSHON, DAVID W. 2,964,943
LG ELECTRONICS INC. 2,965,807
LI, CHANGYUAN 2,974,446
LI, DI 2,974,837
LI, DI 2,974,850
LI, JIAN 2,974,756
LI, JONATHAN C. 2,974,807
LI, LILONG 2,968,582
LI, QUINGHUA 2,974,729
LI, SHENGWEI 2,974,452
LI, WEIMIN 2,974,845
LI, XU 2,974,501
LI, YIN 2,974,447
LIANG, XIQUAN 2,970,477
LIAO, CHANGYAN 2,974,841
LIEBING, REINER 2,974,584
LIESS, MARTIN 2,972,992
LIFE TECHNOLOGIES AS 2,970,477
LIFE TECHNOLOGIES CORPORATION 2,970,477
LIM, LEW 2,974,891
LIMBACH, KIRK W. 2,965,479
LIMBACH, KIRK W. 2,965,480
LIMBACH, KIRK W. 2,965,481
LIMOUZE, ROBERT 2,973,589
LIN, BILL KENGLI 2,974,632
LIN, CHUN-CHIEH 2,975,000
LIN, JEN CHENG 2,975,000
LINDER-GANZ, ERAN 2,974,516
LIPORACE, FRANK A. 2,973,589
LISI AEROSPACE 2,971,673
LITOWSKI, JENNIFER R. 2,971,201
LIU, CHENG 2,974,434
LIU, CHUANG 2,974,452
LIU, JUNKANG J. 2,971,621
LIU, PEIYING 2,973,602
LIU, PHILIP 2,974,386
LIU, QIANQIAN 2,974,446
LIU, YU 2,961,176
LO, IAN K.Y. 2,974,613
LO, SIU LUNG 2,974,637
LOCKHEED MARTIN CORPORATION 2,974,688
LOGAN, AARON W. 2,974,838
LOGAN, JUSTIN C. 2,974,838
LOIRE, PETER J. 2,971,207
LONGYEAR TM, INC. 2,974,710
LOPEZ, LEONARDO C. 2,966,327
LOPEZ, LEONARDO C. 2,966,405
LOPEZ-TOLEDO, JACINTO 2,965,482
LTS LOHMANN THERAPIE-SYSTEME AG 2,973,396
LU, HAIYANG 2,975,002
LU, QIWEI 2,971,385
LU, XUEJIA 2,974,644
LU, YANJUN 2,974,452
LU, YANJUN 2,975,002
LU, ZHENGUO 2,974,845
LUBRIZOL ADVANCED MATERIALS, INC. 2,971,385
LUBRIZOL ADVANCED MATERIALS, INC. 2,971,418
LUMBATIS, KURT ALAN 2,967,358
LUONG, ANNE 2,974,691
LUX, MARK J. 2,966,327
LYAMICHEV, VICTOR 2,971,402
LYDA, ANGELA 2,967,358
LYNCH, STEPHANIE 2,974,952
LYONDELL CHEMICAL TECHNOLOGY, L.P. 2,964,943
MA, JIANGLEI 2,974,842
MACDONALD, DANIEL 2,974,747
MACDONALD, LYNN 2,971,213
MACQUARIE UNIVERSITY 2,974,622
MACROGENICS, INC. 2,974,807
MADRID, SUSAN MAMPUSTI 2,971,187
MADRID, SUSAN MAMPUSTI 2,971,247
MAGAGNOLI, AUGUSTO 2,974,487
MAGNANI, MAURO 2,974,181
MAGUIRE, YAEL 2,966,329
MAHER, JOHN 2,969,783
MAIKAWA, KENGO 2,974,480
MAIKAWA, KENGO 2,974,492
MAINI, RUMIT 2,974,533
MAIRET, PHILIPPE 2,966,056
MAJNI, ERIC L. 2,974,704
MAKAL, UMIT G. 2,971,385
MALLEIN GERIN, FREDERIC 2,969,285
MAMUN, SHIREEN A. 2,971,399
MANALO, DANIEL O. 2,971,621
MANDAL, BATAKRISHNA 2,974,494
MANGUTOV, OLEG VLADIMIROVICH 2,969,414
MANI, KRIS N. 2,969,528
MANICKAM, ARUL 2,974,688
MAPELLI, CLAUDIO 2,971,189
MARIATHASAN, SANJEEV 2,966,211
MARINI, ROBERTO 2,967,220
MARIUS, GABRIEL 2,974,701
MARKUSSEN, ALMAR 2,973,945
MARLAND, CHRISTOPHER NEIL 2,970,530
MARMUR, YANIV 2,967,904
MARS, INCORPORATED 2,967,999
MARS, INCORPORATED 2,968,004
MARSH, IAN 2,974,614
MARTINEZ RUIZ, MANUEL 2,963,738
MASAKI, TAKESHI 2,974,333
MASI, FRANCESCO 2,961,873
MASIMO CORPORATION 2,974,830
MASKELL, ROBERT BRUCE 2,964,943
MASTER SINKERS (PTY) LTD 2,974,615
MATSUMOTO, KATSUMASA 2,974,935
MATSUNAGA, KUMIKO 2,974,620
MATSUTANI, YUKI 2,974,939
MATUSU, JAKUB 2,965,987
MAXWELL & LORENTZ, S.L. 2,963,738
MAZAK, CHERYL 2,974,650
MCELHINNEY, ADAM 2,969,455
MCGRANE, SCOTT JOSEPH 2,967,999
MCGRANE, SCOTT JOSEPH 2,968,004
MCKAY, ADAM MATTHEW 2,974,252
MCKIBBEN, JOHN FERNEY 2,971,420
MCNEIL, KEVIN BENSON 2,971,592
MEDICAGO INC. 2,974,438
MEDISCA PHARMACEUTIQUE, INC. 2,974,608
MEDIVATION PROSTATE THERAPEUTICS, INC. 2,970,469
MELLIN, GUSTAV ANDRE 2,971,592
MELODIA, TOMMASO 2,974,951
MELTZER, PETER C. 2,974,395
MEMORIAL SLOAN-KETTERING CANCER CENTER 2,974,434
MENG, ZHAOSHENG 2,974,845
MENOTTA, MICHELE 2,974,181
MERIAL, INC. 2,966,200
MERIAL, INC. 2,969,430
MERRON, MATT JAMES 2,974,505

MESHKAHALDINI, MOHAMMAD 2,974,938
MESTEK, INC. 2,974,659
MHLANGA, MUSA M 2,971,168
MIAO, WEISHI 2,974,395
MICHROWSKA-PIANOWSKA, ANNA ALEKSANDRA 2,974,768
MICLET, DENIS 2,971,094
MICROSOFT TECHNOLOGY LICENSING, LLC 2,965,353
MICROSOFT TECHNOLOGY LICENSING, LLC 2,965,691
MICROSOFT TECHNOLOGY LICENSING, LLC 2,965,692
MILLER, ERAN 2,973,327
MILLER, HAROLD ROY 2,974,722
MILLER, MICHAEL MATTHEW 2,971,266
MILLER, PAUL F. 2,969,724
MIN, CHANGHEE 2,974,788
MINNIKANTI, VENKATACHALA S. 2,972,911
MIRCESCU, DANIEL-ALEXANDRU 2,966,727
MISHRA, JITENDRA K. 2,974,697
MISTRY, PRADIP 2,968,686
MITERA, MARGAUX B. 2,971,621
MITSUBISHI HEAVY INDUSTRIES, LTD. 2,974,790
MITSUBISHI HEAVY INDUSTRIES, LTD. 2,974,791
MITSUBISHI TANABE PHARMA CORPORATION 2,974,438
MIYAZAKI PREFECTURE 2,974,789
MIZUSAWA, TAKASHI 2,974,929
MIZUUCHI, KAZUHIKO 2,974,935
MO, SHIHANG 2,974,492
MOCHIDA PHARMACEUTICAL CO., LTD. 2,974,495
MOELLER, JOHN F. 2,961,934
MOFFAT, WILLIAM A. 2,975,009
MOGIMO, INC. 2,974,984
MOGNA, GIOVANNI 2,965,446
MOHAMMED, RASHEED 2,971,446
MOKHOV, ILYA IGOREVICH 2,969,414
MOLINARI TOSATTI, LORENZO 2,970,868
MOLONEY, MICHAEL JOHN 2,971,390
MONAHAN, JIM 2,974,659
MOON, YOUNG-CHAN 2,967,279
MOORE, DAVID 2,974,982
MOORE, PAUL A. 2,974,807
MOREAU-BELANGER, LAURENCE 2,974,837
MOREAU-BELANGER, LAURENCE 2,974,850
MORI, HIROTO 2,974,790
MORO, ANDREA 2,970,244
MORO, ANDREA 2,970,245
MOUSSA, DAVID 2,974,414
MOUTSOURIZ, PAUL 2,974,414
MUJICA, ALEXANDER 2,967,834
MUKHERJI, ARIJIT 2,974,386
MUKUNDA, RAMACHANDRA 2,974,895
MULDREW, KEN 2,974,613
MULL, ERIC 2,971,189
MULL, ERIC 2,971,266
MULLER, DETLEV 2,973,028
MURAOKA, MIKIO 2,974,791
MURGA LLANO, GAIZKA 2,974,764
MURPHY, ANDREW J. 2,968,675
MURPHY, ANDREW J. 2,971,213
MURPHY, GARY 2,971,524
MUTHUMANI, KARUPPIAH 2,974,956
MUTTOO, TIMOTHY 2,974,938
MYERSON, JOEL 2,969,619
MYLAN INC. 2,974,661
NACCACHE, DAVID 2,973,292
NAE, NIR SHALOM 2,967,904
NAGASWAMY, KUMARAGURUBARAN 2,974,784
NAIR, REJI 2,974,697
NAKAMURA, KATSUMI 2,974,790
NAKAZAWA, YOSHIAKI 2,974,327
NAKAZAWA, YOSHIAKI 2,974,625
NAKAZAWA, YOSHIAKI 2,974,931
NAMJOSHI, ABHIJIT A. 2,966,327
NAMJOSHI, ABHIJIT A. 2,966,405
NANNINI, MICHELLE 2,974,244
NARAHARI, SHARATH 2,974,518
NARINE, SURESH S. 2,974,178
NATIONAL UNIVERSITY CORPORATION GUNMA UNIVERSITY 2,969,394
NATSCHKE, SCOTT LEE 2,972,446
NAVIDEA BIOPHARMACEUTICALS, INC. 2,974,634
NEBES, JANINA B. 2,966,410
NEBES, JANINA B. 2,966,412
NEC CORPORATION 2,974,629
NEC CORPORATION 2,974,630
NEGAHDAR, ALI 2,967,358
NEGI, NORIYUKI 2,974,935
NELSON, SCOTT G. 2,971,[illegible]76
NEPTUNE RESEARCH, INC. 2,972,911
NEW PHASE LTD. 2,968,648
NEWBOLD, DAVID DIXON 2,967,193
NEWLISI S.P.A. 2,967,220
NEWTON, TREVOR WILLIAM 2,974,768
NEXANS 2,969,947
NGUYEN, HOANG THANH 2,974,713
NIPPON STEEL & SUMIKIN CHEMICAL CO., LTD. 2,974,935
NIPPON STEEL & SUMITOMO METAL CORPORATION 2,974,327
NIPPON STEEL & SUMITOMO METAL CORPORATION 2,974,625
NIPPON STEEL & SUMITOMO METAL CORPORATION 2,974,931
NIPPON STEEL & SUMITOMO METAL CORPORATION 2,974,935
NIPPON STEEL & SUMITOMO METAL CORPORATION 2,974,939
NISHIMOTO, TAKUMI 2,974,935
NISHIMURA, RYUICHI 2,974,625
NISHIMURA, RYUICHI 2,974,931
NISHIYAMA, NORIHIDE 2,974,343
NISSAN MOTOR CO., LTD. 2,974,480
NISSAN MOTOR CO., LTD. 2,974,492
NISSHINBO HOLDINGS INC. 2,969,394
NJEMANZE, HUGH 2,974,708
NOCCO, EMANUELE 2,974,516
NORMAN, TYLER J. 2,974,505
NORRIS, RYAN 2,974,414
NORTHAM, PAUL R. 2,972,462
NORTHEASTERN UNIVERSITY 2,974,951
NORTON, RHY 2,974,952
NOTKA, FRANK 2,970,477
NOURBAKHSH, SEYED 2,974,938
NOV-BLM 2,972,941
NOVARTIS AG 2,969,307
NOVARTIS AG 2,971,741
NUSCALE POWER, LLC 2,968,581
O'CONNELL, KEVIN J. 2,969,622
OBSCHESTVO S OGRANICHENNOJ OTVETSTVENNOSTYU "LABORATORIA ELANDIS" 2,974,496
OCHOA, HAZAEL FABRIZIO MONTANARO 2,974,637
OH, BYUNGKYU 2,974,788
OH, HSUEH LING JANICE 2,973,332
OHARA, HIDEKI 2,974,483
OKLEJAS, ELI, JR. 2,974,389
OLIVARES MARTIN, MONICA 2,970,602
OLSEN, GARRETT T. 2,974,802
OOHIRA, MAYO 2,974,629
OOHIRA, MAYO 2,974,630
OPENSHAW, GRAHAM 2,969,654
OPENSHAW, GRAHAM 2,969,669
OPTASENSE HOLDINGS LIMITED 2,969,058
ORICULA THERAPEUTICS LLC 2,974,395
ORTHOSOFT INC. 2,974,837
ORTHOSOFT INC. 2,974,850
OSBORNE, ADAM E. 2,971,200
OSUGA, NORIKO 2,969,394
OTSUKA, KENICHIRO 2,974,625
OVARD, LLC 2,974,652
OVARD, LLC 2,974,654
OVARD, LLC 2,974,675
OVARD, LLC 2,974,677
OVER, ALEXANDRA ISABEL KING 2,971,200
OZAKI, JUN-ICHI 2,969,394
OZAKI, YOSHITOMO 2,974,483
P.V. FLOOD CONTROL CORP. 2,974,437
PALESE, PETER 2,974,699
PALMER, ANDREW A. 2,969,235
PAMPALONI, GUIDO 2,961,873
PAN, YI 2,974,802
PANAH, ALI YAZDAN 2,966,329
PANDUIT CORP. 2,966,410
PANDUIT CORP. 2,966,412
PANJE, KRISHNA PRASAD 2,965,667
PANNUNZIO, ROCCO 2,974,560
PARADIS, FRANCOIS 2,974,837

PARADIS, FRANCOIS 2,974,850
PARAZZOLI, DIEGO 2,970,868
PARENTE PEREIRA PURI, ANA CATARINA 2,969,783
PARK, CHANGMIN 2,974,788
PARK, HYUN-CHUL 2,972,224
PARKER, MICHAEL JAMES BELFIELD 2,965,353
PARMESHWAR, VISHWANATHAN 2,970,673
PARRA RAPADO, LILIANA 2,974,768
PARTHASARATHI PADMAREKHA, VENKKATEESH 2,974,802
PASTERNACK, GARY 2,974,897
PATEL, ANKUR R. 2,969,622
PATEL, JIGAR 2,971,402
PATEL, RAJEN M. 2,971,198
PATEL, UDAYAN G. 2,974,532
PATTAR, JONAH M. 2,974,363
PAUL, RAKESH 2,974,533
PAYNE, BYRON 2,974,976
PEAK INNOVATIONS INC. 2,974,580
PEGUERO, DAVIE 2,972,911
PELLETIER, BENOIT 2,974,837
PELLETIER, BENOIT 2,974,850
PELLFICURE PHARMACEUTICALS, INC. 2,960,750
PENDERGAST, JOHN G. 2,965,476
PENDERGAST, JOHN G. 2,965,482
PEPPER, CLINTON BOYD 2,967,193
PEPPERNEY, ADAM 2,971,580
PEREZ, SEBASTIEN MARC JEAN-MICHEL 2,970,880
PERPETUAL V2G SYSTEMS LIMITED 2,975,041
PERREAULT, CLAUDE 2,974,261
PETERSON, AMY CHRISTIAN 2,970,469
PETERSON, DEAN 2,974,544
PETRACCA, CLAUDIO 2,974,300
PHOENIX MECANO DIGITAL ELEKTRONIK GMBH 2,973,028
PIERCE, KENNETH E. 2,971,200
PIERS, PATRICIA ANN 2,969,608
PILLOW, THOMAS 2,966,211
PIONEER HI-BRED INTERNATIONAL, INC. 2,971,425
PLANTE, JEAN-SEBASTIEN 2,974,844
PLASMA TECH HOLDINGS, LLC 2,974,522
POEHMERER, THOMAS 2,970,477
POLISHCHUK, YAKOV 2,969,523
POSCO 2,972,224
POTTER, WILLIAM JOHN 2,970,791
POWELL, JOSEPH BROUN 2,961,401
PRAKASH, GYAN 2,967,437
PRETORIUS, DANIEL COENRAAD 2,974,615
PRETZ, MATTHEW T. 2,966,337
PRETZ, MATTHEW T. 2,966,340
PRETZ, MATTHEW T. 2,966,342
PROBIOTICAL S.P.A. 2,965,446
PUGH, MICHAEL 2,970,921
PUTASWAMY, KEMPARAJU 2,974,363
Q'APEL MEDICAL, LLC 2,974,502
QADRI, MOHAMMAD 2,973,645
QADRI, MOHAMMAD 2,973,769
QIAN, YIMIN 2,974,367
QIAO, DELI 2,974,624
QIN, KAIJIE 2,974,452
QIN, KAIJIE 2,975,002
QU, QI 2,971,276
RAE, CAROL A. 2,961,934
RAHAMAN, HASIBUR 2,973,602
RAI, SUBASHCHANDRA 2,974,363
RAIBLE, DAVID W. 2,974,395
RAMAN, RAJESH 2,974,386
RAMIREZ, ANIBAL DIEGO 2,968,692
RAO, JAYA 2,974,501
RAO, SHASHA 2,974,446
RAVI, KRISHNA M. 2,974,251
RAVI, KRISHNA M. 2,974,494
RAYTHEON COMPANY 2,972,078
REALINN LIFE SCIENCE LIMITED 2,975,000
REDDY, B. RAGHAVA 2,974,252
REED ADVANCED MATERIALS PTY LTD 2,974,666
REED, MARK A. 2,974,637
REFORMULARY GROUP INC. 2,974,566
REGENERON PHARMACEUTICALS, INC. 2,967,834
REGENERON PHARMACEUTICALS, INC. 2,968,675
REGENERON PHARMACEUTICALS, INC. 2,971,213
REGENESANCE B.V. 2,971,542
REGENTS OF THE UNIVERSITY OF MINNESOTA 2,974,917
REGHEZZA, PATRICK JEAN-LOUIS 2,970,880
REIDERMAN, ARCADY 2,968,582
REIS, HELENA, M.G.P.V. 2,974,510
REMMEL, HARMON 2,974,701
REN, HUGANG 2,971,741
REPOLAR PHARMACEUTICALS OY 2,974,164
RICCI, GIOVANNI 2,961,873
RICE, JOHN 2,971,200
RICHARDSON, ERIC 2,974,661
RICHEY, KIMBERLY 2,974,809
RIGEL PHARMACEUTICALS, INC. 2,973,602
RIGGS, RORY 2,974,701
ROADTEC, INC. 2,974,976
ROB, FRANK 2,974,794
ROBERSON, MARK 2,974,251
ROBERSON, MARK W. 2,974,253
ROBERSON, MARK W. 2,974,494
ROBINSON, JAMES C. 2,974,365
ROBINSON, RICHARD 2,971,580
ROCH, EVELYNE 2,974,572
RODNEY, PAUL F. 2,974,494
RODRIGUEZ NOGALES, ALBA 2,970,602
RODRIGUEZ, BRANDON A. 2,969,842
ROEHM, PAMELA C. 2,973,722
ROHM AND HAAS COMPANY 2,965,476
ROHM AND HAAS COMPANY 2,965,479
ROHM AND HAAS COMPANY 2,965,480
ROHM AND HAAS COMPANY 2,965,481
ROHM AND HAAS COMPANY 2,965,482
ROHM AND HAAS COMPANY 2,971,198
ROMARHEIM, VIDAR 2,973,336
RON, EYAL S. 2,974,967
ROOPREDDY, RAVINDAR 2,974,518
ROPA SYSTEMS PTY LTD 2,974,560
ROQUEL, ARNAUD 2,969,807
ROSEN, ROBERT 2,969,608
ROSS, ALLAN 2,969,654
ROTHENBUHLER, MARTIN 2,974,262
ROULEAU, RODNEY 2,966,410
ROULEAU, RODNEY 2,966,412
ROUSH, WILLIAM R. 2,974,697
ROY CHOWDHURY, SANDIPAN 2,974,533
ROYNESTAD, TOM TORALV 2,974,794
RSEM, LIMITED PARTNERSHIP 2,974,261
RUBEL, EDWIN W. 2,974,395
RUSCIO, DOMENIC 2,974,300
RUSSELL, EVAN THOMAS 2,974,252
RUSSO, JON C. 2,974,688
RYAN, DANIEL E. 2,969,619
RYU, CHI-BACK 2,967,279
RYU, KISEON 2,965,807
SACHAR, RAVISH 2,974,532
SAFRAN AIRCRAFT ENGINES 2,970,880
SAFRAN AIRCRAFT ENGINES 2,971,289
SAFRAN ELECTRICAL & POWER 2,966,056
SAGI, IRIT 2,974,925
SAHASRANAMAN, MURALI 2,965,667
SAITO, MASAHIRO 2,974,625
SAKAI, YASUYUKI 2,974,620
SALANDIN, OSCAR JAMES FRANCIS 2,965,353
SAMPATH, DEEPAK 2,974,244
SAMPSON, JEFFREY R. 2,969,619
SAMSUNG ELECTRONICS CO., LTD. 2,966,728
SAMSUNG ELECTRONICS CO., LTD. 2,967,259
SANCHEZ GARDUNO, JAVIER 2,970,893
SANCHEZ, JESUS A. 2,971,200
SANDYS, SEAN 2,974,701
SANGHANI, PARESH C. 2,969,842
SANNINO, ALESSANDRO 2,974,967
SANTAGATI, GIUSEPPE ENRICO 2,974,951
SANUDO OTERO, ANA ISABEL 2,970,602
SANZ CEBALLOS, EDUARDO 2,974,872
SAPONARO, COSIMO 2,974,967
SARDESAI, NIRANJAN 2,974,956
SAUSEMUTH, OLAF 2,973,028
SAVIAN, SCOTT 2,974,831
SAWADA, HIROKI 2,974,719

SCAFARO, ANDREW 2,974,622
SCHACHTSCHABEL, DOREEN 2,974,768
SCHAEML, MICHAEL 2,971,402
SCHINDLER, ED 2,966,200
SCHLAGE LOCK COMPANY LLC 2,974,363
SCHLUMBERGER CANADA LIMITED 2,970,673
SCHMIDT, JOHN 2,974,830
SCHMIDT, MARTIN 2,971,292
SCHMITT, MATTHEW A. 2,971,207
SCHNELL, TIMOTHY D. 2,969,235
SCHOBER, ROBERT C. 2,974,821
SCHOBER, SUSAN MARYA 2,974,821
SCHRAMM, VERN L. 2,974,916
SCHULTHEIS, ROBERT JAMES 2,974,713
SCHULTZ, MITCHELL JO 2,969,528
SCHULTZ, MURRAY 2,971,286
SCHULTZ, ROGER L. 2,974,669
SCIENTIFIC DRILLING INTERNATIONAL, INC. 2,974,724
SCIORE, PAUL 2,974,613
SCOLA, PAUL MICHAEL 2,971,189
SCOLA, PAUL MICHAEL 2,971,266
SEITZ, THOMAS 2,974,768
SEKELSKY, STEPHEN MICHAEL 2,974,688
SEKISUI CHEMICAL CO., LTD. 2,974,343
SEKRETTA, GLEB 2,974,780
SENDA, KUNIHIRO 2,974,618
SEO, YONG-WON 2,967,279
SEROUT, ADRIEN LOIC 2,971,390
SERRURIER, DOUGLAS C. 2,965,829
SERVICENOW, INC. 2,974,644
SHAH, AMIT NAVIN 2,974,686
SHAH, KALPANA 2,974,807
SHAH, PRITOM 2,974,265
SHAH, SOHRAB PRAKASH 2,974,632
SHAH, VIMAL V. 2,974,494
SHALEV, ALON 2,967,904
SHANDONG NHU AMINO ACID CO.,LTD. 2,974,447
SHANDONG UNIVERSITY OF SCIENCE AND TECHNOLOGY 2,974,845
SHANGHAI UNLIMIT MATERIALS CO., LTD. 2,974,443
SHAPIRO, HERBERT 2,974,821
SHARKH, SULEIMAN MAHMOUD 2,972,852
SHARMA, YATENDRA 2,974,666
SHAVER, GRANT 2,971,286
SHAWCOR LTD. 2,974,570
SHEKARABI, SAYED MASOUD 2,973,722
SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V. 2,961,401
SHEPPARD, GARETH ROBERT 2,974,615
SHI, LIANFA 2,974,720
SHIBAYAMA, YOUTARO 2,971,168
SHIMATANI, YUKO 2,974,333
SHIMIZU, BRUCE 2,974,831
SHIMIZU, MASATAKA 2,974,789
SHIMIZU, MOTOHISA 2,974,278
SHIMODA, KAZUYA 2,974,485
SHINOZAWA, HIROKAZU 2,974,629
SHINOZAWA, HIROKAZU 2,974,630
SHINSHU UNIVERSITY 2,974,333
SHIUE, ERIC C. 2,969,842
SHOWA DENKO K.K. 2,974,933
SIAL, AISHA 2,963,865
SIEMENS AKTIENGESELLSCHAFT 2,969,414
SIEMENS INDUSTRY, INC. 2,974,809
SIGNALFX, INC. 2,974,386
SILKWORTH, CHRISTOPHER 2,974,701
SILLER GONZALEZ, ANDREA 2,974,944
SILVANO, MARK A. 2,965,479
SILVANO, MARK A. 2,965,480
SIMON, JULIAN 2,974,395
SIMONI, GRACE (DECEASED) 2,961,934
SIMONI, JAN 2,961,934
SINGAL, GAURAV 2,970,931
SINGH, MANJIT 2,971,425
SINGH, RAJINDER 2,973,602
SIPPONEN, PENTTI 2,974,164
SISKA, CHRISTINE CLAUDIA 2,971,201
SISLER, TERRY 2,974,527
SIU, ADRIENNE GRACE 2,974,745
SIU, KAM 2,974,367
SKARSTAD, ANITA 2,974,795
SKARSTAD, ANITA 2,974,914
SKILES, JERRY WALLACE 2,967,999
SLASSI, ABDELMALIK 2,974,442
SMITH, ERIC L. 2,974,434
SMITH, TIMOTHY DUANE 2,971,593
SMITH-WEBSTER, KIMDRA 2,971,580
SMITHS MEDICAL ASD, INC. 2,971,878
SOCIETE DE COMMERCIALISATION DES PRODUITS DE LA RECHERCHE APPLIQUEE SOCPRA SCIENCES ET GENIE S.E.C. 2,974,844
SOLMAX INTERNATIONAL INC. 2,974,441
SOLOMONOV, INNA 2,974,925
SOLUFY INFORMATION TECHNOLOGIES INC. 2,974,568
SOLUTION TECHNOLOGY INCORPORATED 2,974,722
SOMAR CORPORATION 2,974,620
SOMMAZZI, ANNA 2,961,873
SOMMERFELT, ARNE 2,969,644
SONDEREGGER, ROBERT 2,969,685
SONE, ATSUSHI 2,974,927
SONG, AIRONG 2,971,605
SONG, CUNMING 2,971,593
SONG, DANFENG 2,971,187
SONG, DANFENG 2,971,247
SONG, DECHEN 2,974,446
SONG, MINGMIN 2,971,187
SONG, MINGMIN 2,971,247
SONY CORPORATION 2,974,948
SOO, B. CHIA 2,968,984
SOTERIA INDUSTRIES INC. 2,974,613
SPECTRUM SPINE IP HOLDINGS, LLC 2,974,365
SPILGIES, HEIKO 2,973,396
ST-LAURENT, LOUIS 2,964,966
STABEN, LEANNA 2,966,211
STANKUS, JOHN JOSEPH 2,974,376
STATOIL PETROLEUM AS 2,974,795
STATOIL PETROLEUM AS 2,974,914
STEARS, BRIEN A. 2,961,176
STEFANI, JOSEPH PAUL 2,969,201
STEFFEN, WOJTEK 2,971,402
STEHLIK, PAUL OTTO 2,966,202
STEIF, ADI 2,974,632
STEMPKI, MATTHEW A. 2,966,327
STEPHENS, ALISON FIONA 2,971,390
STETSON, JOHN B., JR. 2,974,688
STEVENSON, HELEN 2,974,566
STEVENSON, MICHAEL M. 2,974,436
STEWART, EDWIN ARTHUR 2,971,420
STICHTING SANQUIN BLOEDVOORZIENING 2,974,913
STINE, DOUGLAS 2,969,430
STOCKMAN, EMANUEL SOLOMON 2,974,688
STOLL, MIKE 2,969,430
STORA ENSO OYJ 2,969,802
STOWERS, CHRISTOPHER C. 2,969,842
STRAHM, CHRISTOPHER TIMOTHY 2,971,442
STREIDL, THOMAS 2,971,402
STUMBORG, HANS-GEORG 2,973,028
SU, JAMES 2,974,376
SUDHARSAN, NAVEEN S. 2,969,528
SUER, MICHAEL DONALD 2,971,593
SULAKVELIDZE, ALEXANDER 2,974,897
SUMITOMO METAL MINING CO., LTD. 2,974,483
SUN, HONG 2,971,276
SUN, LI-QIANG 2,971,189
SUN, LI-QIANG 2,971,266
SUNBIRD, LLC 2,974,553
SUNNYBROOK RESEARCH INSTITUTE 2,974,745
SUZUKI, HIDEYUKI 2,974,790
SWANSON, JUDD EVERETT 2,966,202
SYMBOL TECHNOLOGIES, LLC 2,969,622
SYNAPTIVE MEDICAL (BARBADOS) INC. 2,963,865
SYNAPTIVE MEDICAL (BARBADOS) INC. 2,964,966
SYNAPTIVE MEDICAL (BARBADOS) INC. 2,974,846
SYNGENTA PARTICIPATIONS AG 2,963,045
SYNLOGIC, INC. 2,969,724
TADOKORO, KENICHIRO 2,974,935
TAGHIZADEH, ATA 2,974,441
TAKAHAGI, MICHINOBU 2,974,790
TAKAISHI, KAZUYUKI 2,974,483
TAKANO, HIROAKI 2,974,948
TAKARA BIO INC. 2,974,998
TAKAYANAGI, TOSHIYUKI 2,974,791

TAKESHITA, JUNICHI 2,974,790
TAL, MICHAEL GABRIEL 2,973,327
TALMI-FRANK, DALIT 2,974,925
TAMIR, GUY 2,974,984
TANAKA, DAICHI 2,974,495
TANAKA, SHINYA 2,974,998
TANG, VERA A. 2,974,651
TANG, YAJUN 2,968,675
TANG, YONG 2,974,841
TANTRI, KESHAV 2,974,363
TASKIRAN, CUNEYT M. 2,969,622
TAYLOR, ANDREW JOHN 2,967,999
TAYLOR, ANDREW JOHN 2,968,004
TAYLOR, GARY A. 2,974,546
TAYLOR, MATTHEW 2,971,605
TAYLOR, ROBERT 2,969,745
TECHNIP PROCESS TECHNOLOGY, INC. 2,974,700
TEMPLE UNIVERSITY-OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION 2,973,722
TEMPLE UNIVERSITY-OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION 2,974,510
TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED 2,974,841
TERASHIMA, TAKASHI 2,974,618
TERCERO, JUAN CARLOS 2,967,224
TERHUNE, JOANNA 2,974,661
TESSIER, MICHAEL 2,974,178
THAKRE, PIYUSH R. 2,966,405
THE BRAUN CORPORATION 2,970,921
THE GILLETTE COMPANY LLC 2,970,157
THE GILLETTE COMPANY LLC 2,971,390
THE MOSAIC COMPANY 2,971,286
THE PROCTER & GAMBLE COMPANY 2,971,405
THE PROCTER & GAMBLE COMPANY 2,971,420
THE PROCTER & GAMBLE COMPANY 2,971,592
THE PROCTER & GAMBLE COMPANY 2,971,593
THE REGENTS OF THE UNIVERSITY OF CALIFORNIA 2,968,984
THE REGENTS OF THE UNIVERSITY OF CALIFORNIA 2,971,186
THE SCRIPPS RESEARCH INSTITUTE 2,974,694
THE SCRIPPS RESEARCH INSTITUTE 2,974,696
THE SCRIPPS RESEARCH INSTITUTE 2,974,697
THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA 2,974,956
THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES 2,970,280
THE UNIVERSITY OF BRITISH COLUMBIA 2,974,632
THE UNIVERSITY OF TOKYO 2,974,620
THE UNIVERSITY OF TOKYO 2,974,927
THERMO FISHER SCIENTIFIC GENEART GMBH 2,970,477
THIBAULT, PIERRE 2,974,261
THIELE, LARS 2,974,624
THOMAS, ADRIAN 2,971,293
THRU TUBING SOLUTIONS, INC. 2,974,669
THURSTON, GAVIN 2,967,834
TING, KANG 2,968,984
TIRTOWIDJOJO, MAX M. 2,966,337
TIRTOWIDJOJO, MAX M. 2,966,340
TIRTOWIDJOJO, MAX M. 2,966,342
TIRUNAGARU, VIJAYA G. 2,974,784
TOHER, TONY 2,971,292
TOLAN, JEFFREY S. 2,974,747
TORAY INDUSTRIES, INC. 2,974,433
TORRES FLORES, ADRIANA 2,974,944
TOYOTO JIDOSHA KABUSHIKI KAISHA 2,971,680
TOYOTO JIDOSHA KABUSHIKI KAISHA 2,971,683
TREFZER, AXEL 2,970,477
TREMBLAY, DENIS GILLES 2,969,996
TRENT UNIVERSITY 2,974,178
TRENTALANGE, MICHAEL T. 2,969,225
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